LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023068.D
Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	25	27	38	rVB2	26788	48312	1.24%	0.077%
2	3.258	43	46	47	rBV	53402	55621	1.42%	0.089%
3	3.287	47	51	66	rVB	1459299	1849576	47.34%	2.949%
4	3.652	110	113	119	rVV	43224	55276	1.41%	0.088%
5	3.711	119	123	129	rVV	155347	181620	4.65%	0.290%
6	3.969	162	167	173	rVB2	45435	75324	1.93%	0.120%
7	4.246	209	214	222	rBV	312570	395759	10.13%	0.631%
8	4.316	222	226	237	rVV3	38252	67255	1.72%	0.107%
9	4.422	240	244	252	rVV	463919	592804	15.17%	0.945%
10	4.875	314	321	329	rBV	526872	697913	17.86%	1.113%
11	5.452	412	419	425	rVB	40323	64509	1.65%	0.103%
12	5.734	462	467	473	rBV	70719	101466	2.60%	0.162%
13	5.793	473	477	483	rVV	75458	112199	2.87%	0.179%
14	6.769	636	643	649	rBV4	30558	66899	1.71%	0.107%
15	6.940	663	672	680	rBV4	175422	418202	10.70%	0.667%
16	7.105	692	700	707	rBV	442836	717679	18.37%	1.144%
17	7.169	707	711	716	rVB	56263	85219	2.18%	0.136%
18	7.305	728	734	745	rBV	539645	840820	21.52%	1.340%
19	7.422	748	754	761	rVB	91784	143341	3.67%	0.229%
20	7.769	807	813	823	rBV	632954	1049777	26.87%	1.674%
21	7.887	828	833	843	rVB2	88185	158209	4.05%	0.252%
22	8.146	869	877	886	rVB2	115259	223767	5.73%	0.357%
23	8.310	901	905	910	rBV2	26397	54558	1.40%	0.087%
24	8.416	918	923	927	rBV2	30014	47086	1.21%	0.075%
25	8.475	927	933	944	rVV	435876	688347	17.62%	1.097%
26	8.875	995	1001	1004	rBV	92841	139379	3.57%	0.222%
27	8.922	1004	1009	1021	rVV	550293	1025745	26.26%	1.635%
28	9.399	1085	1090	1095	rVB	62150	97555	2.50%	0.156%
29	9.457	1095	1100	1107	rVB	95708	145441	3.72%	0.232%
30	9.646	1124	1132	1140	rBV	473608	790506	20.23%	1.260%
31	9.816	1156	1161	1168	rVB	57331	87225	2.23%	0.139%
32	9.893	1168	1174	1180	rBV	58554	95066	2.43%	0.152%
33	9.969	1180	1187	1196	rVB5	143866	324860	8.32%	0.518%
34	10.063	1196	1203	1208	rBV2	85008	182460	4.67%	0.291%

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Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

35	10.181	1216	1223	1233	rVB	776843	1290300	33.03%	2.057%
36	10.557	1278	1287	1292	rVV	882103	1580131	40.45%	2.519%
37	10.610	1292	1296	1304	rVV	1306154	2088294	53.45%	3.329%
38	10.693	1304	1310	1322	rVV	505676	929417	23.79%	1.482%
39	11.604	1457	1465	1469	rBV7	25334	60683	1.55%	0.097%
40	11.669	1469	1476	1480	rVV4	32940	65981	1.69%	0.105%
41	11.757	1486	1491	1499	rVB2	41384	81677	2.09%	0.130%
42	11.898	1504	1515	1520	rBV2	48716	96954	2.48%	0.155%
43	12.222	1564	1570	1585	rVB	791225	1292015	33.07%	2.060%
44	12.445	1597	1608	1614	rBV	1072609	1712578	43.84%	2.730%
45	12.687	1641	1649	1654	rVB7	24458	49205	1.26%	0.078%
46	13.245	1739	1744	1750	rVV2	40697	70285	1.80%	0.112%
47	13.322	1752	1757	1764	rVV4	41378	84910	2.17%	0.135%
48	13.439	1771	1777	1787	rVB	155108	348678	8.92%	0.556%
49	13.586	1787	1802	1807	rBV4	136406	379875	9.72%	0.606%
50	13.728	1820	1826	1832	rVV	288663	530553	13.58%	0.846%
51	13.786	1832	1836	1837	rVV	168609	226147	5.79%	0.361%
52	13.822	1837	1842	1846	rVV	1301935	1904631	48.75%	3.036%
53	13.863	1846	1849	1859	rVB	791233	1063779	27.23%	1.696%
54	13.969	1861	1867	1870	rBV	144292	224581	5.75%	0.358%
55	13.998	1870	1872	1879	rVB2	61130	89098	2.28%	0.142%
56	14.098	1883	1889	1900	rVB	1508984	2467151	63.15%	3.933%
57	14.410	1932	1942	1947	rBV	1346363	2054533	52.59%	3.275%
58	14.475	1947	1953	1960	rVB	759837	1169572	29.94%	1.865%
59	14.604	1969	1975	1986	rBV3	130889	271824	6.96%	0.433%
60	14.810	2004	2010	2012	rBV2	68626	110927	2.84%	0.177%
61	14.886	2018	2023	2028	rVB4	55366	84765	2.17%	0.135%
62	15.033	2040	2048	2053	rBV4	52294	121330	3.11%	0.193%
63	15.081	2053	2056	2064	rVB	33813	54470	1.39%	0.087%
64	15.186	2069	2074	2075	rBV2	53958	80111	2.05%	0.128%
65	15.404	2104	2111	2116	rVV	1947478	2866793	73.38%	4.570%
66	15.457	2116	2120	2125	rVV	322852	452508	11.58%	0.721%
67	15.516	2125	2130	2135	rVV	440319	598669	15.32%	0.954%
68	15.580	2138	2141	2144	rVV2	54249	78769	2.02%	0.126%
69	15.633	2145	2150	2153	rVV4	55382	119076	3.05%	0.190%
70	15.669	2153	2156	2164	rVB3	53483	79455	2.03%	0.127%
71	15.869	2180	2190	2193	rBV2	64327	130038	3.33%	0.207%

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Instrument : BNA_M
ClientSampleId : BFDK5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

72	15.910	2193	2197	2204	rVB2	134718	211113	5.40%	0.337%
73	16.128	2230	2234	2240	rVB3	62206	95264	2.44%	0.152%
74	16.422	2278	2284	2287	rBV	86656	154085	3.94%	0.246%
75	16.504	2295	2298	2304	rVB2	50482	69655	1.78%	0.111%
76	16.610	2312	2316	2322	rVB3	43162	71006	1.82%	0.113%
77	16.963	2372	2376	2381	rVB	65547	103418	2.65%	0.165%
78	17.151	2401	2408	2412	rBV	1487605	2172277	55.60%	3.463%
79	17.192	2412	2415	2419	rVV	584368	748801	19.17%	1.194%
80	17.245	2419	2424	2435	rVB2	2084317	3118718	79.83%	4.972%
81	17.551	2472	2476	2481	rVV	62286	100603	2.58%	0.160%
82	17.769	2509	2513	2518	rVB	138331	185692	4.75%	0.296%
83	17.857	2524	2528	2538	rVB4	15262	45187	1.16%	0.072%
84	18.051	2552	2561	2574	rBV2	850445	1398624	35.80%	2.230%
85	18.216	2583	2589	2593	rBV2	111353	211627	5.42%	0.337%
86	18.251	2593	2595	2601	rVB	55455	70917	1.82%	0.113%
87	18.527	2638	2642	2645	rVB2	37211	45841	1.17%	0.073%
88	19.204	2754	2757	2761	rVB	112614	141409	3.62%	0.225%
89	19.333	2774	2779	2789	rBV2	419282	666319	17.06%	1.062%
90	19.539	2808	2814	2819	rBV	2648032	3676761	94.11%	5.862%
91	21.045	3066	3070	3077	rBV	441495	562891	14.41%	0.897%
92	21.327	3113	3118	3130	rBV	1953562	2522927	64.58%	4.022%
93	21.486	3142	3145	3149	rBV	200235	228054	5.84%	0.364%
94	21.921	3216	3219	3232	rVB	343337	446534	11.43%	0.712%
95	22.386	3294	3298	3303	rBV	500250	653064	16.72%	1.041%
96	22.898	3381	3385	3398	rVB	536607	809511	20.72%	1.291%
97	23.433	3470	3476	3481	rBV	2048364	3906806	100.00%	6.228%
98	23.580	3494	3501	3513	rVB	1328110	2647789	67.77%	4.221%
99	24.121	3589	3593	3600	rVB	359729	687379	17.59%	1.096%
100	24.880	3719	3722	3731	rVB	201524	385330	9.86%	0.614%

Sum of corrected areas: 62727140

LSC Report - Integrated Chromatogram

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Data File : BM023068.D
Acq On : 09 Oct 2019 05:23
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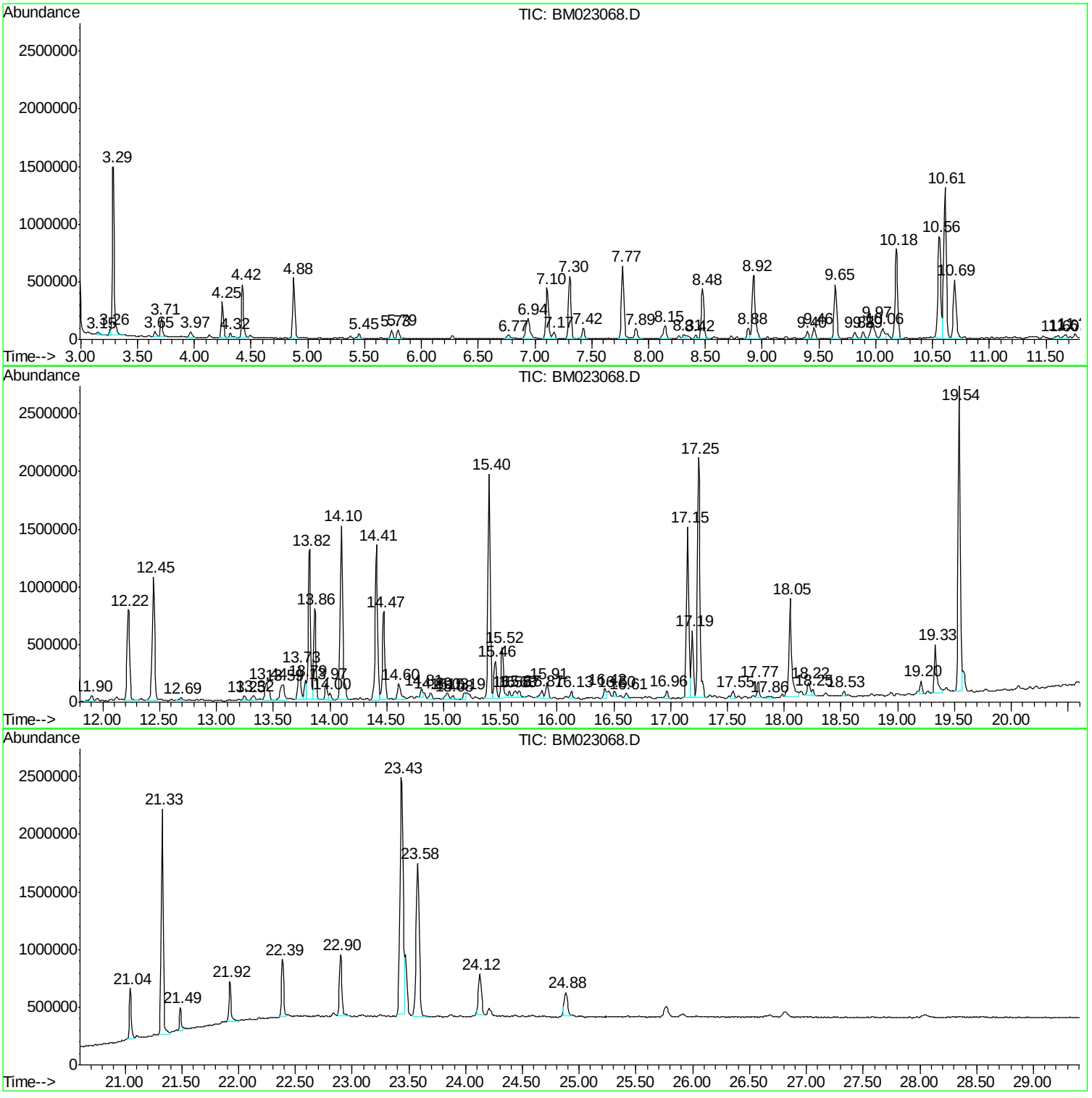
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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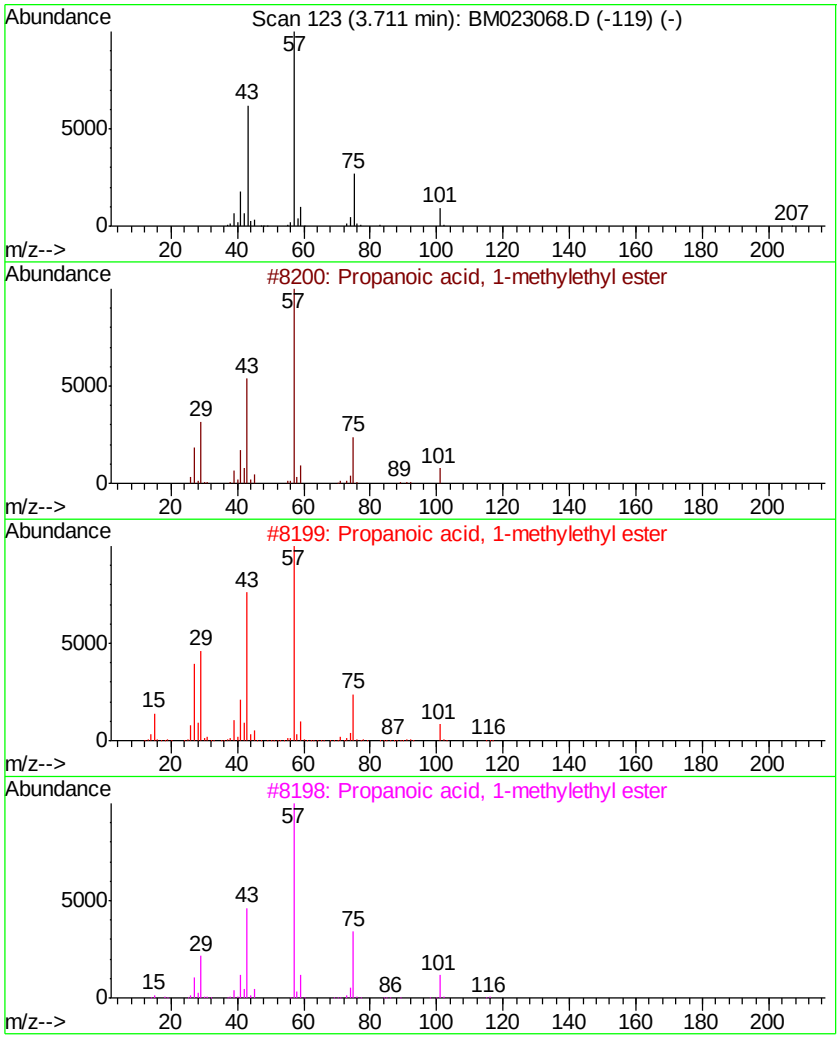
Quant Title : SVOA CALIBRATION

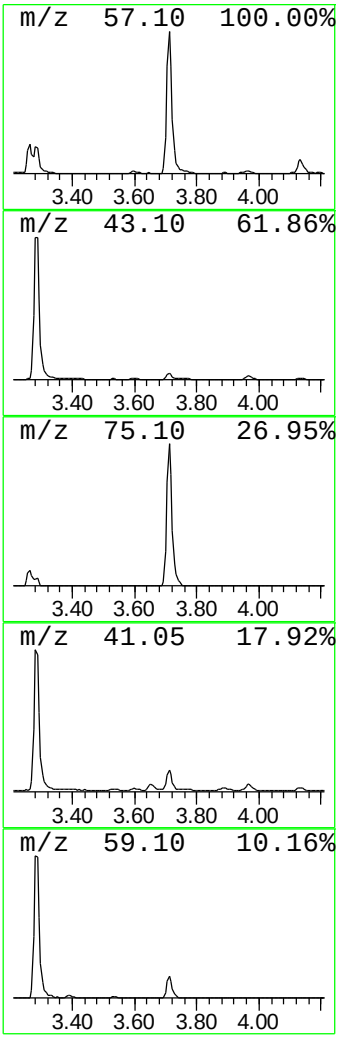
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	3.46 ng/ul	181620	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	28





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ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

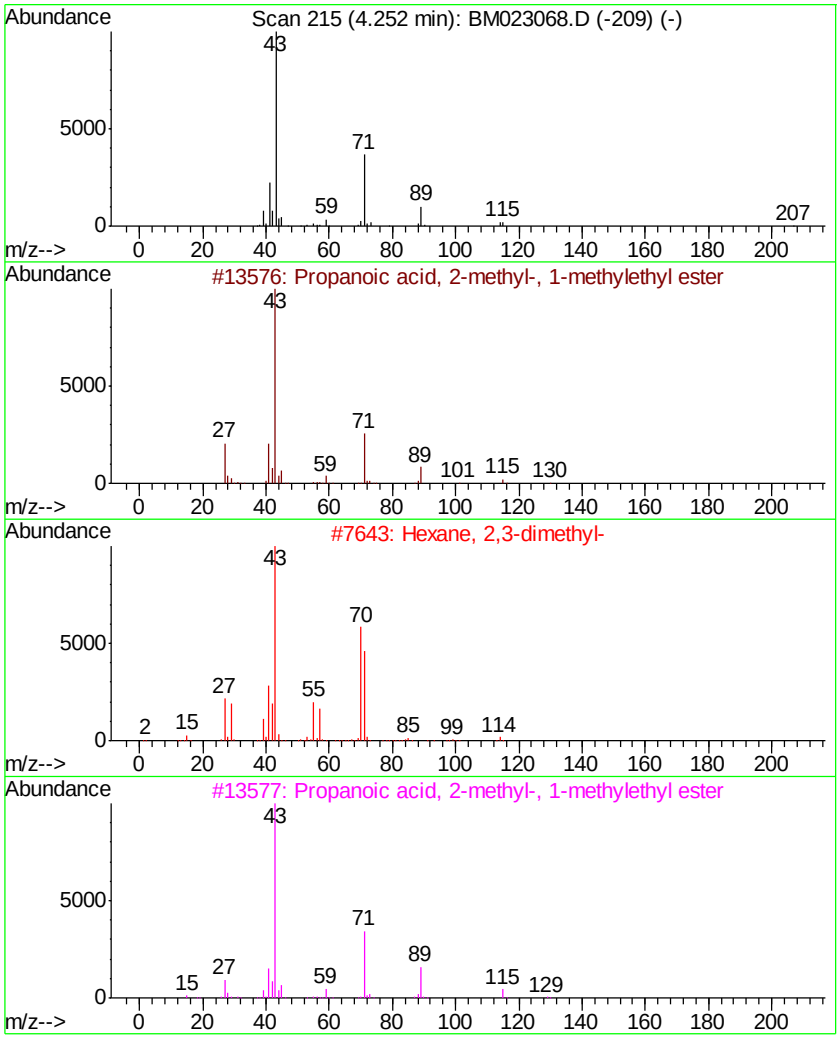
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

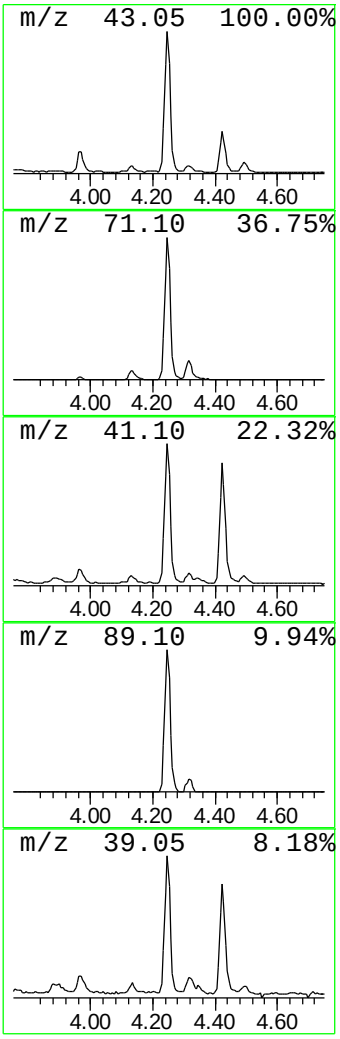
****

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	7.54 ng/ul	395759	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39





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Quant Title : SVOA CALIBRATION

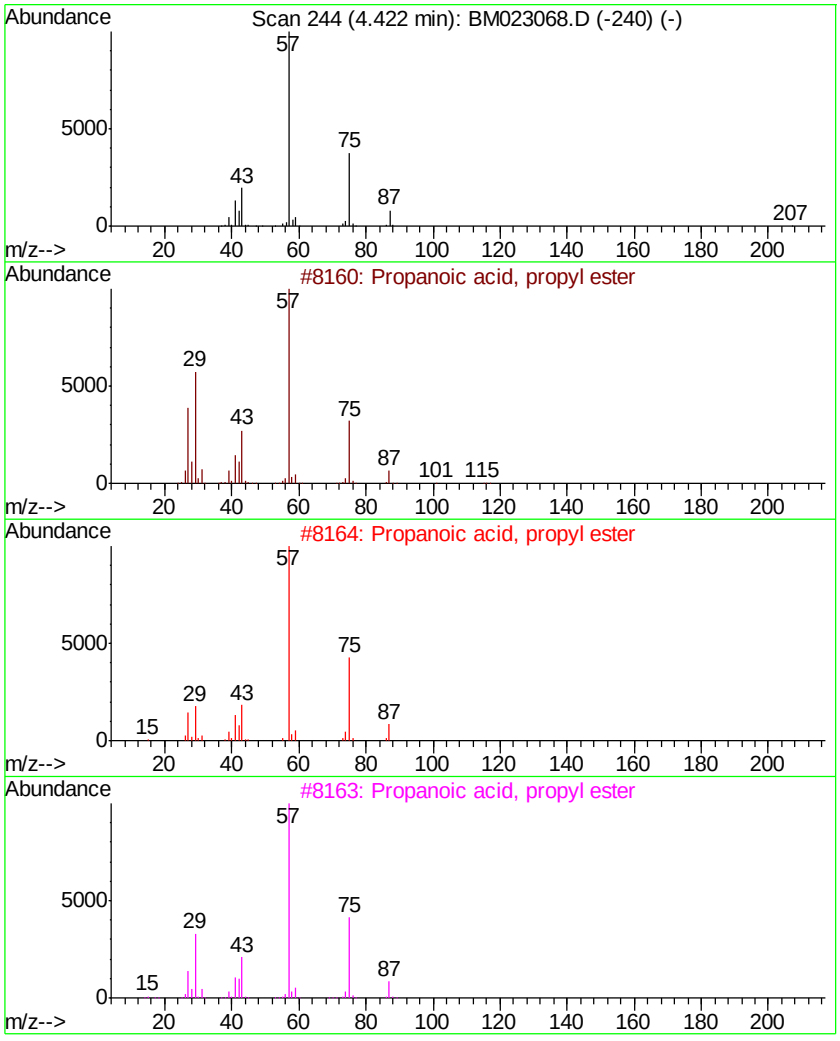
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

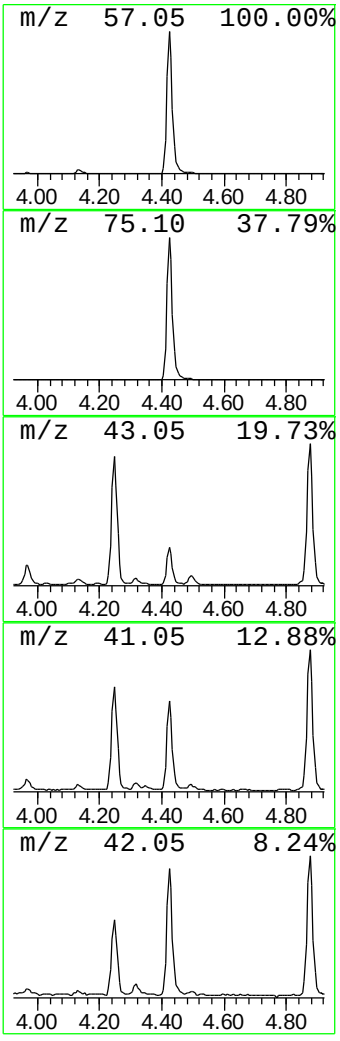
****

Peak Number 3 Propanoic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	11.29 ng/ul	592804	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	74
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

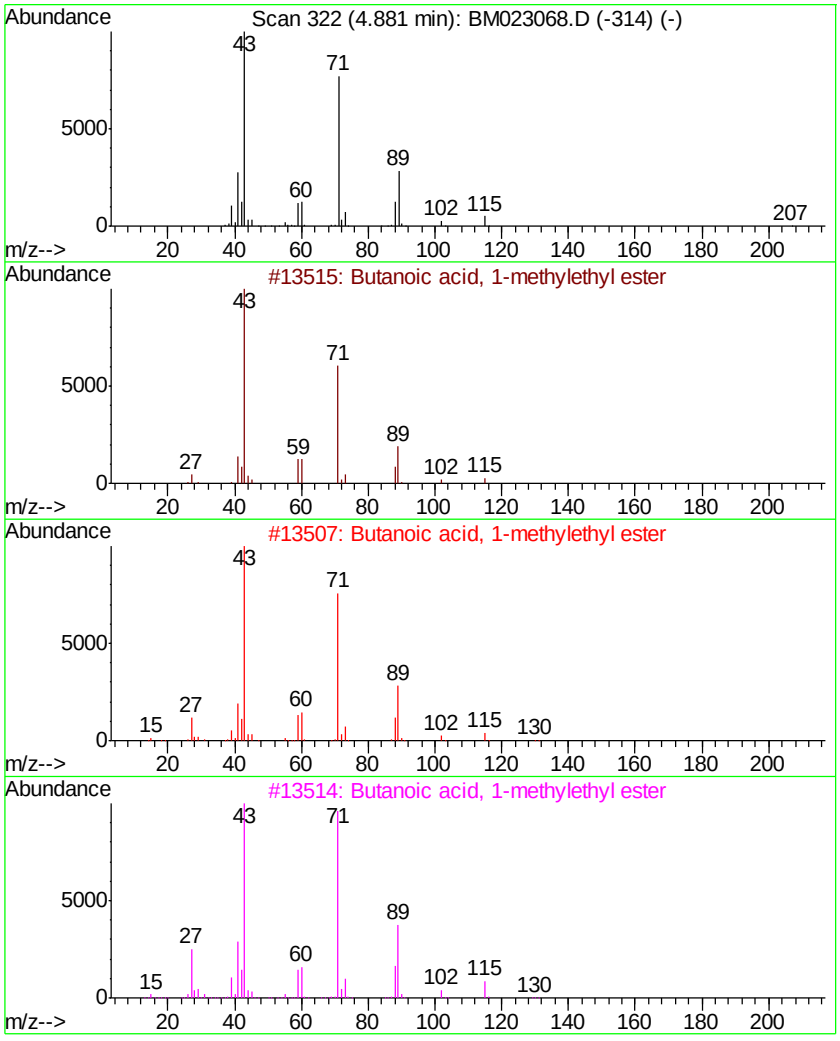
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

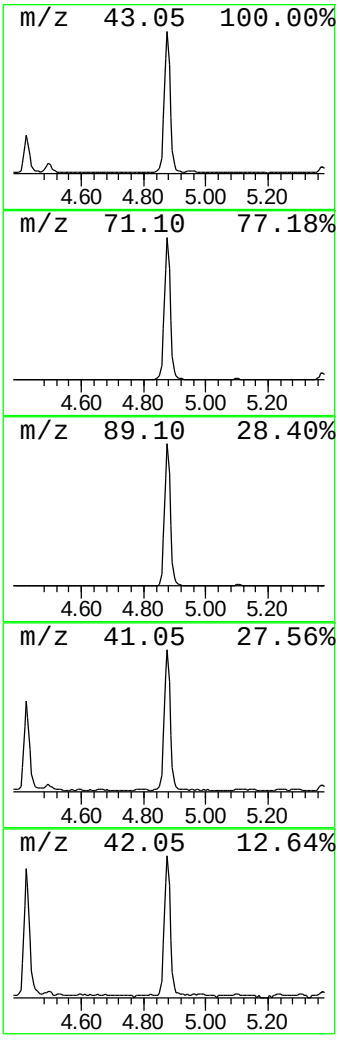
****

Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	13.30 ng/ul	697913	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53





Library Search Compound Report

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ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

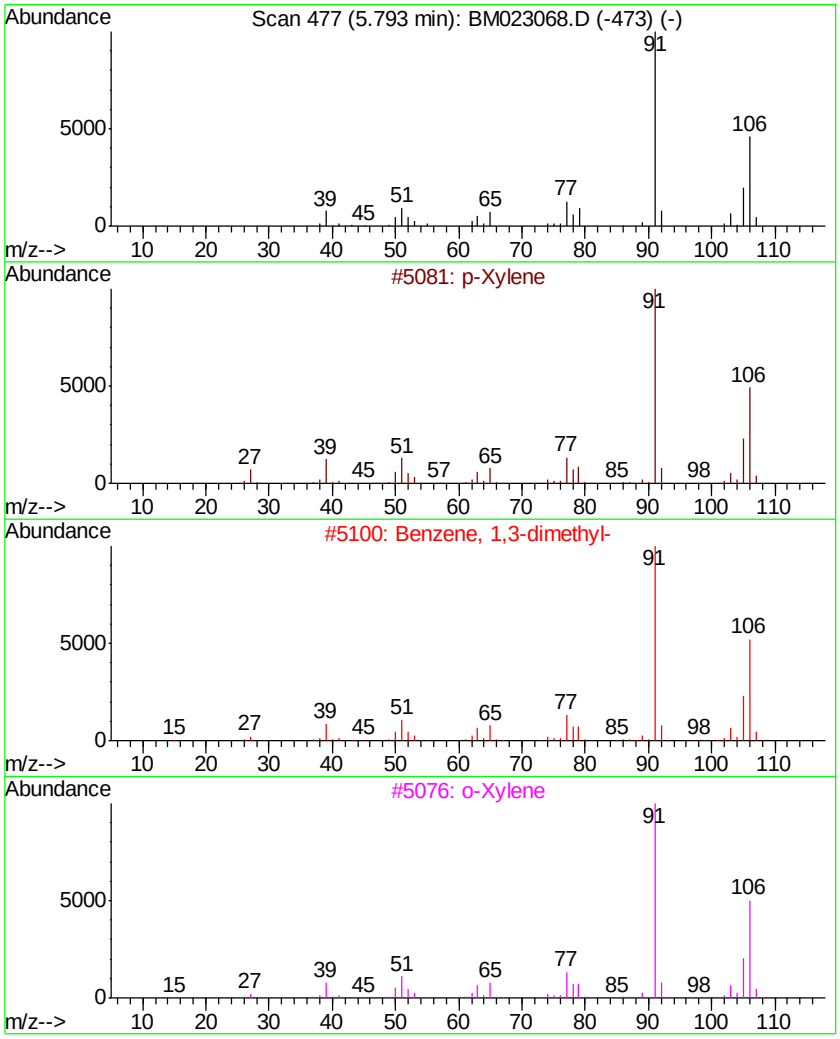
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

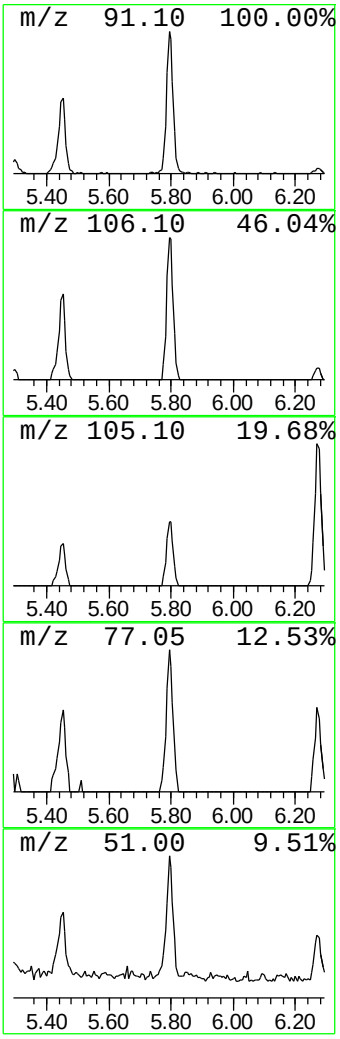
****

Peak Number 5 p-Xylene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	2.14 ng/ul	112199	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3	o-Xylene	106	C8H10	000095-47-6	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
5	p-Xylene	106	C8H10	000106-42-3	94





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Data File : BM023068.D
Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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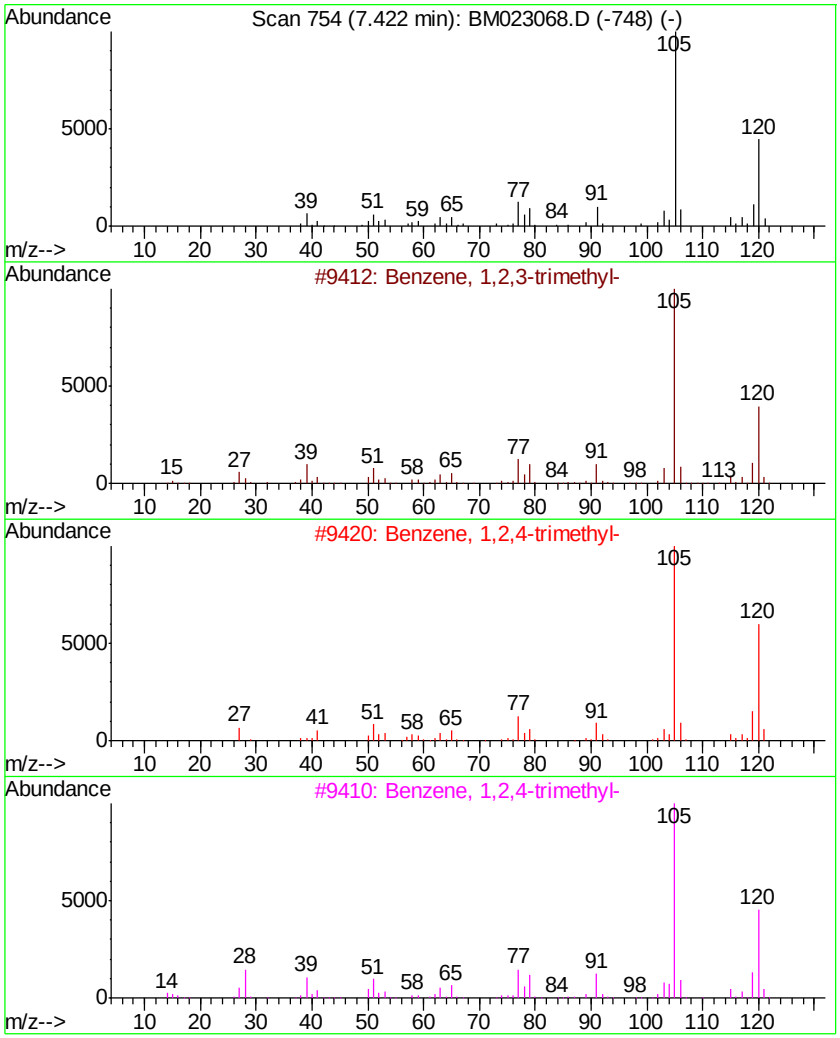
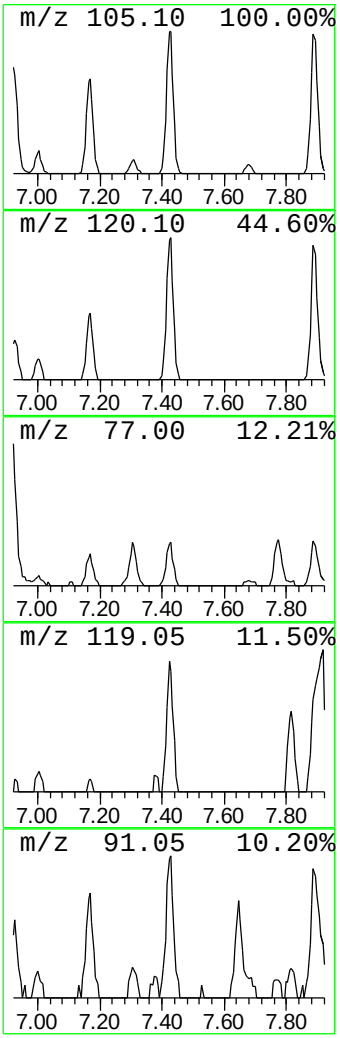
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	2.73 ng/ul	143341	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

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Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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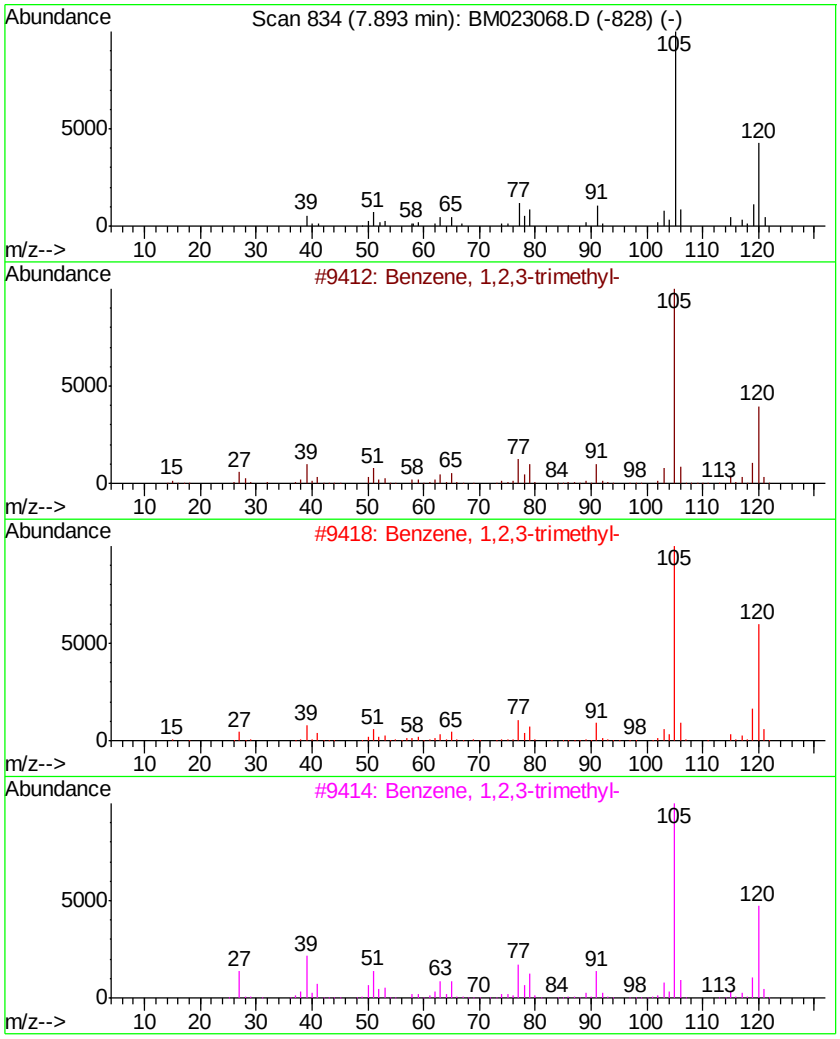
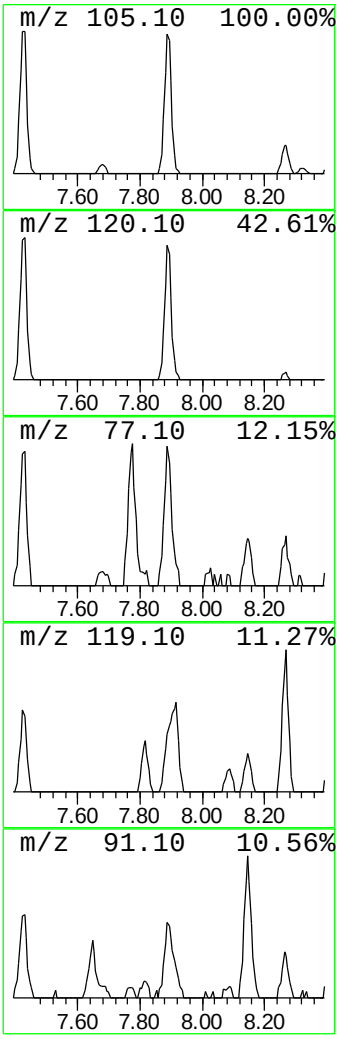
Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	3.01 ng/ul	158209	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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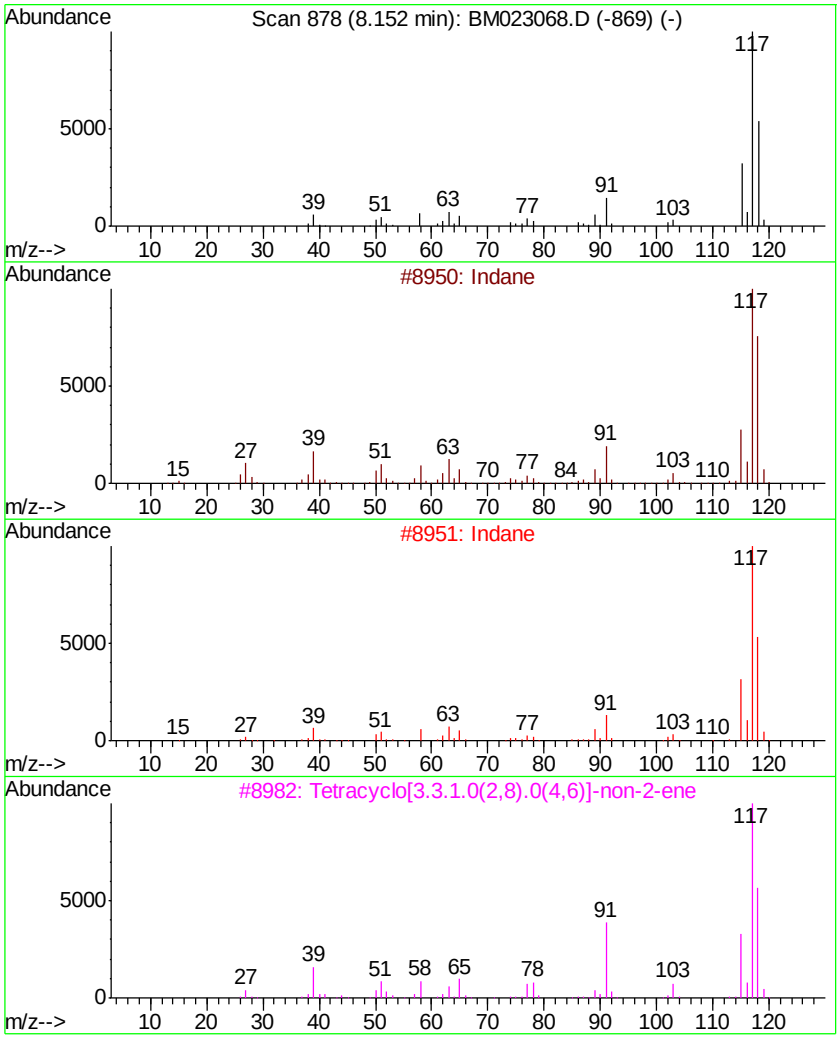
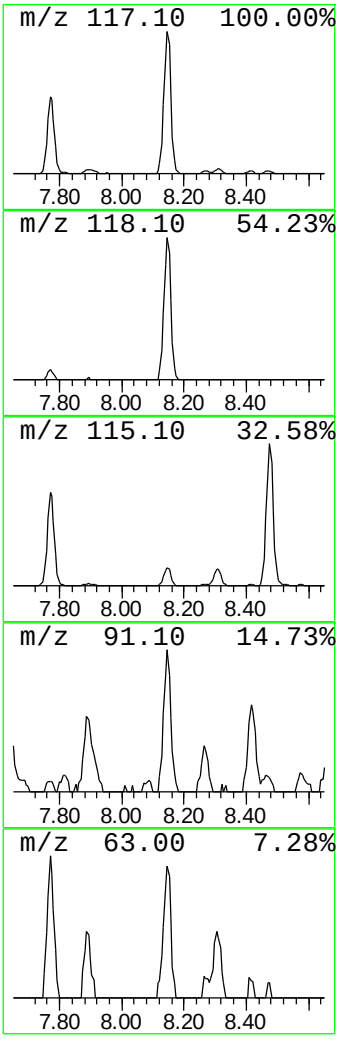
Peak Number 8 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	4.26 ng/ul	223767	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	87
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81





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Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
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Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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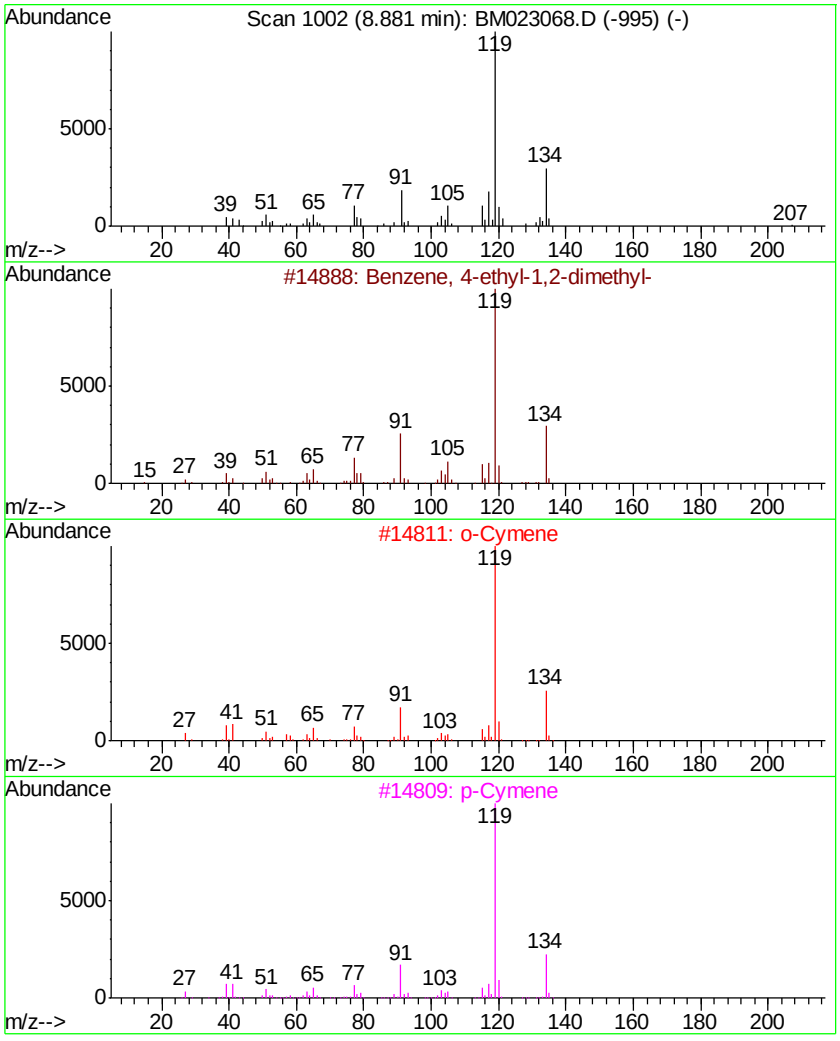
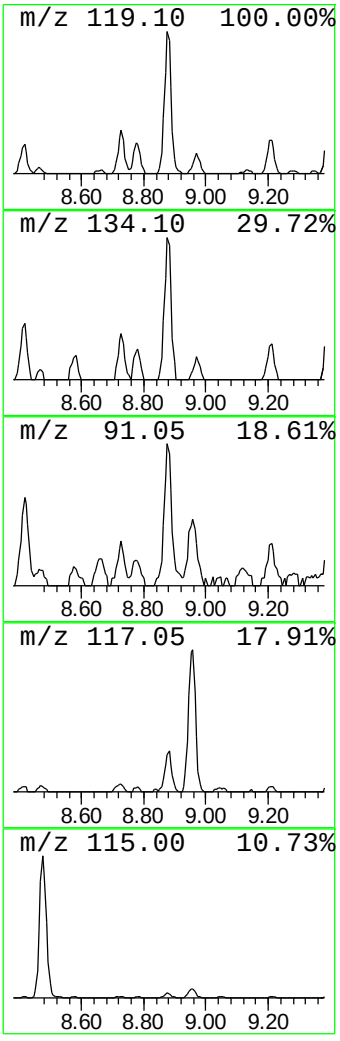
Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	2.66 ng/ul	139379	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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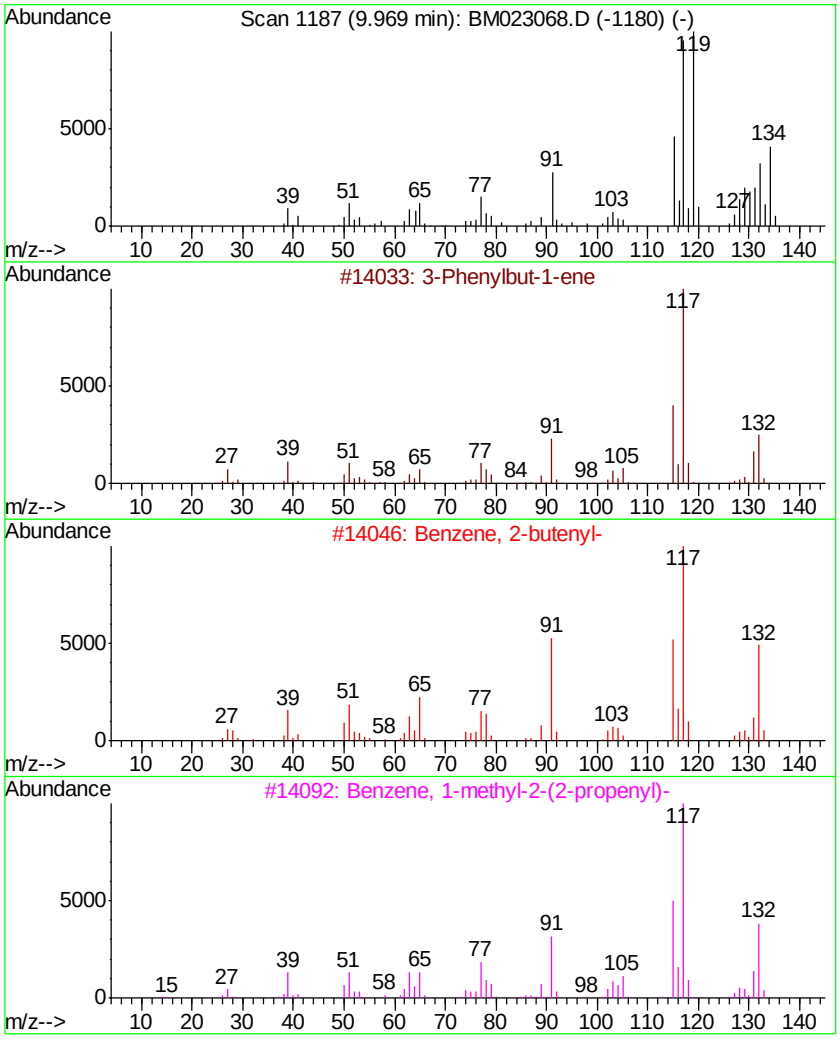
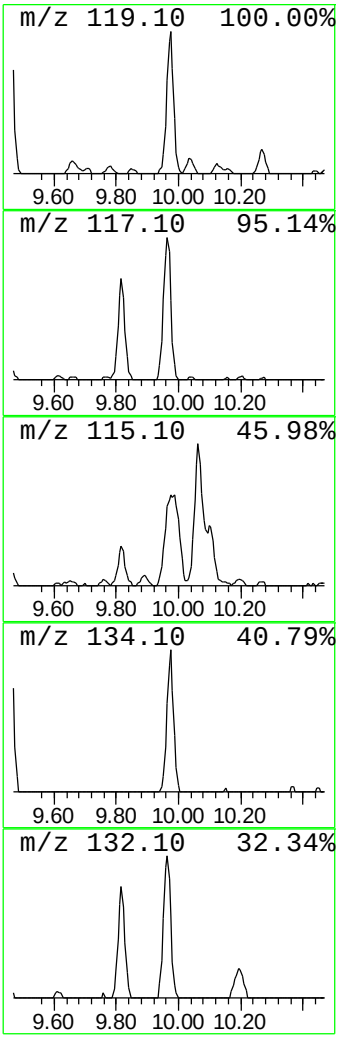
Peak Number 10 3-Phenylbut-1-ene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	4.11 ng/ul	324860	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	46
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	46
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	46
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	46





Library Search Compound Report

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Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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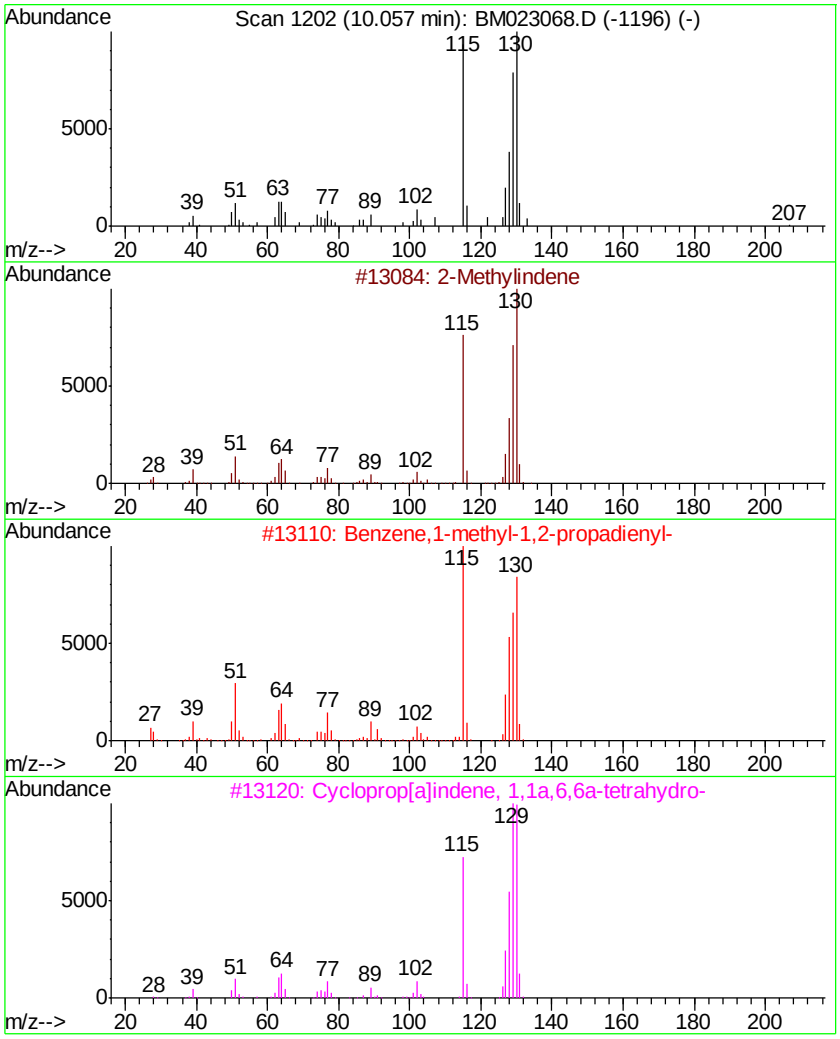
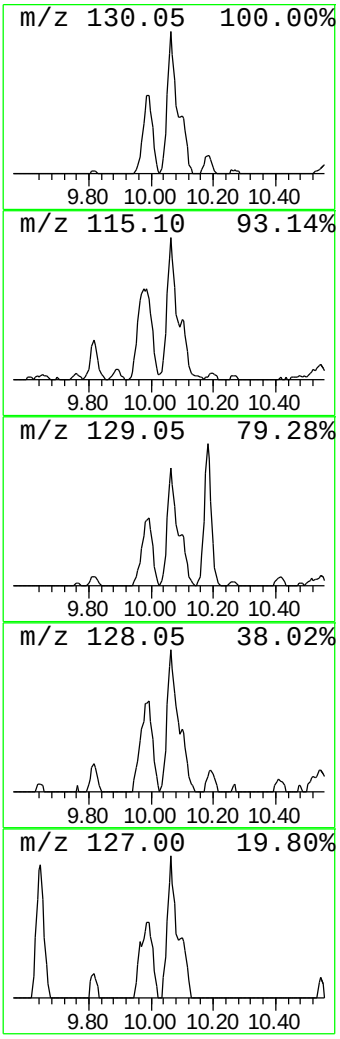
Peak Number 11 2-Methylindene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	2.31 ng/ul	182460	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	94
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93





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Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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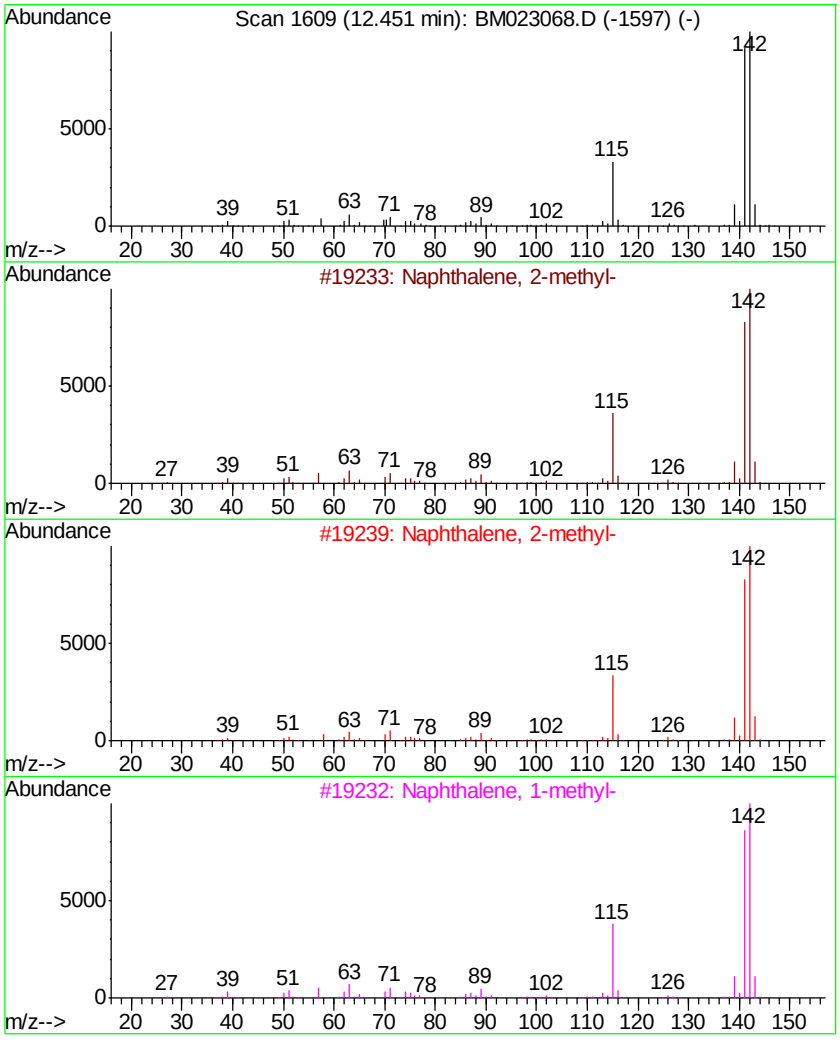
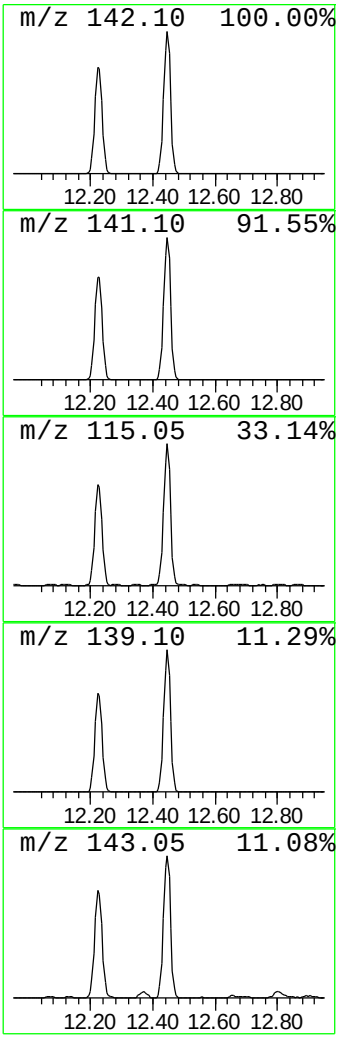
Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	21.68 ng/ul	1712580	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Naphthalene, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	3.39 ng/ul	348678	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
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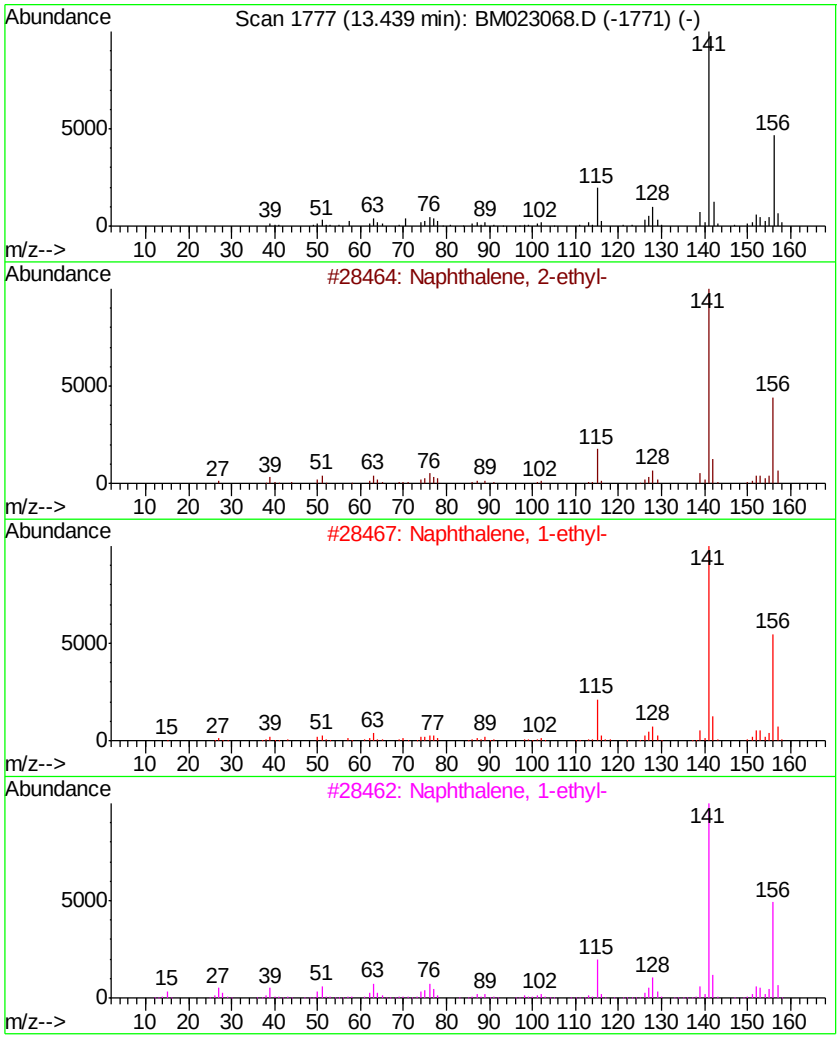

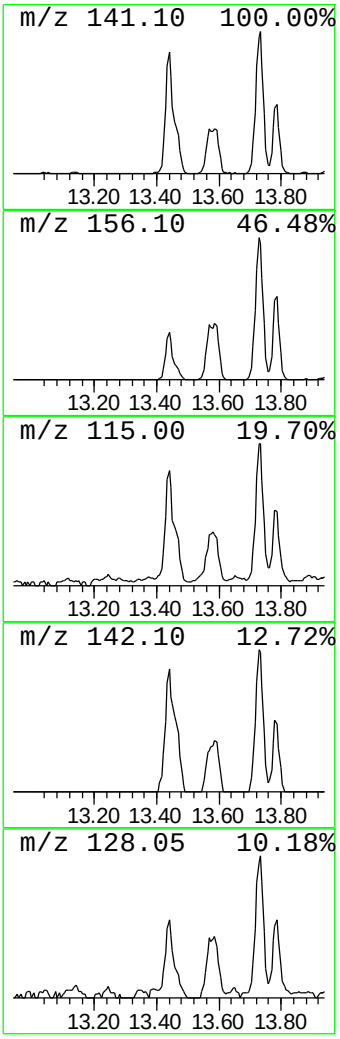

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Acq On : 09 Oct 2019 05:23
Operator : JU
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Misc :
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Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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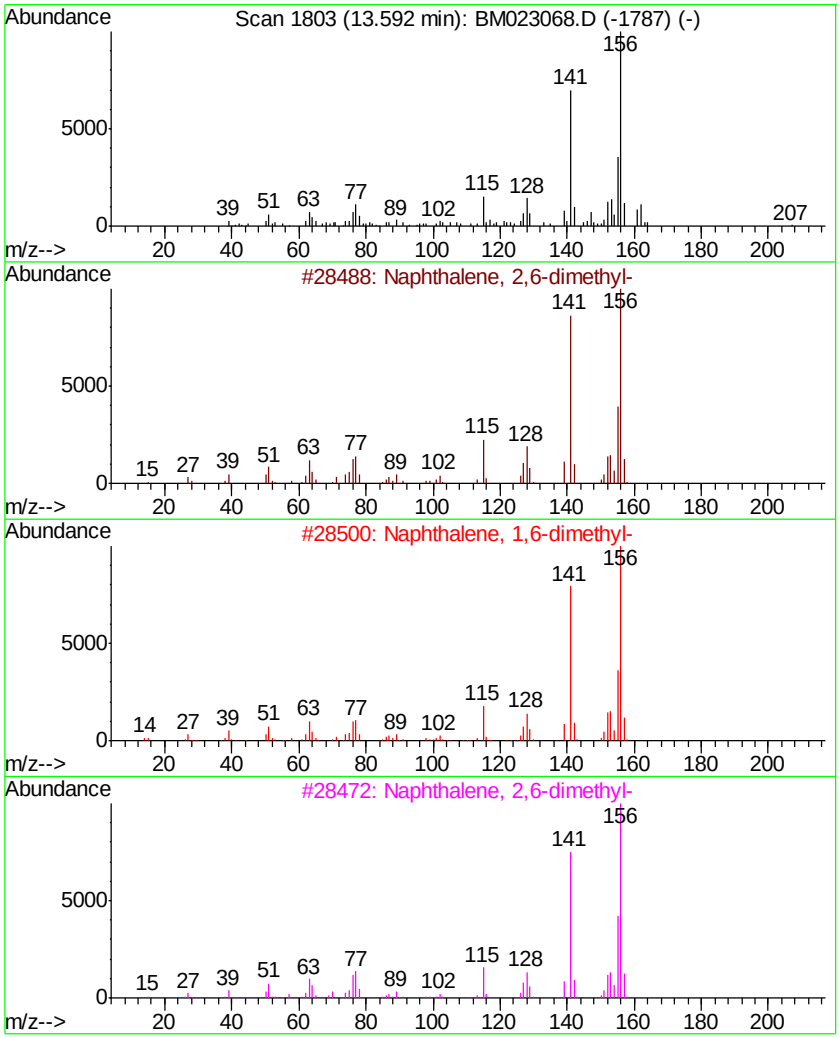
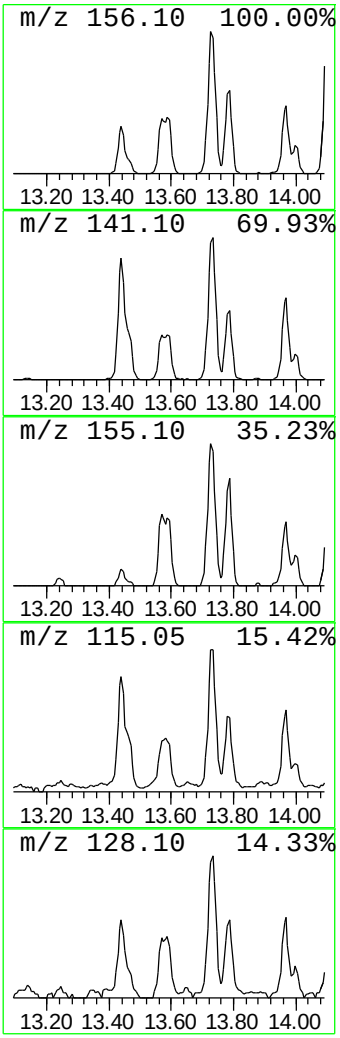
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	3.70 ng/ul	379875	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Sample : K5028-04
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Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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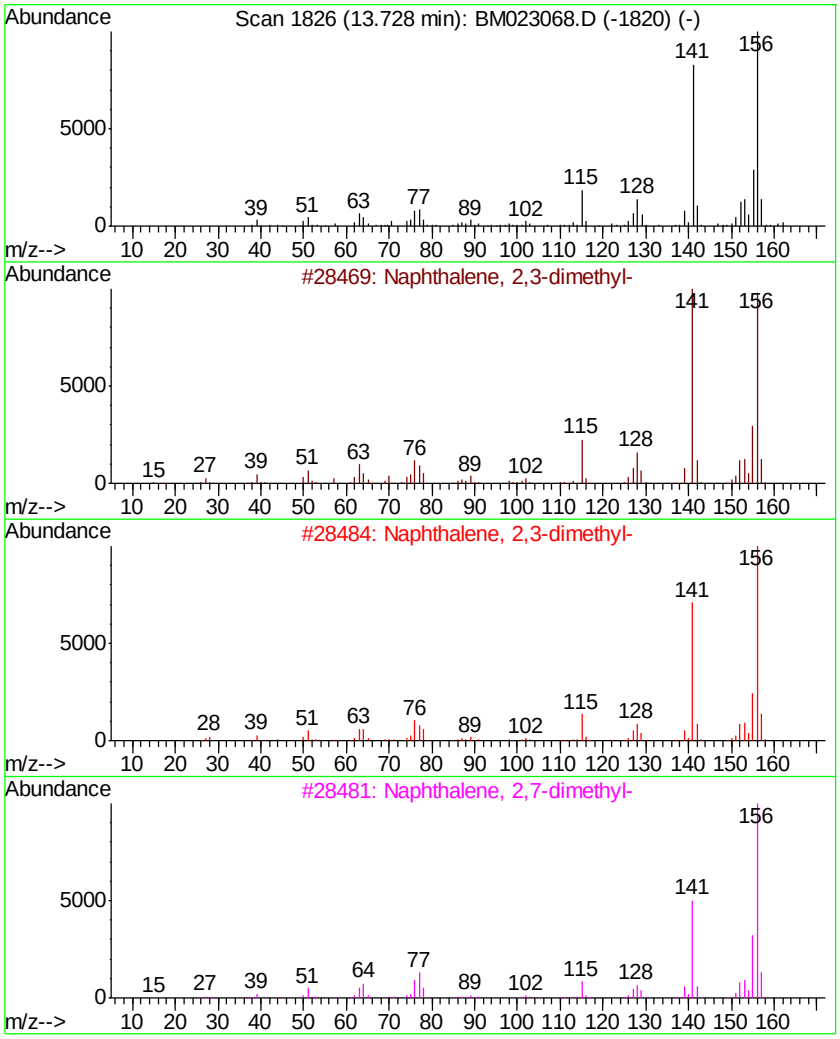
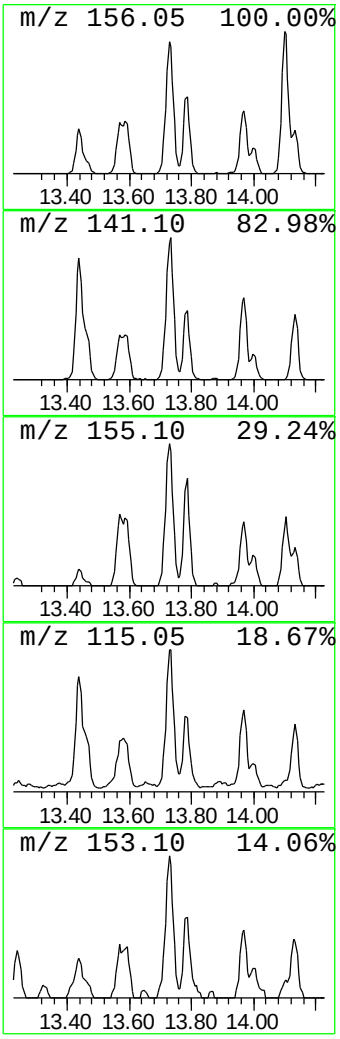
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.16 ng/ul	530553	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Instrument : BNA_M
ClientSampleId : BFDK5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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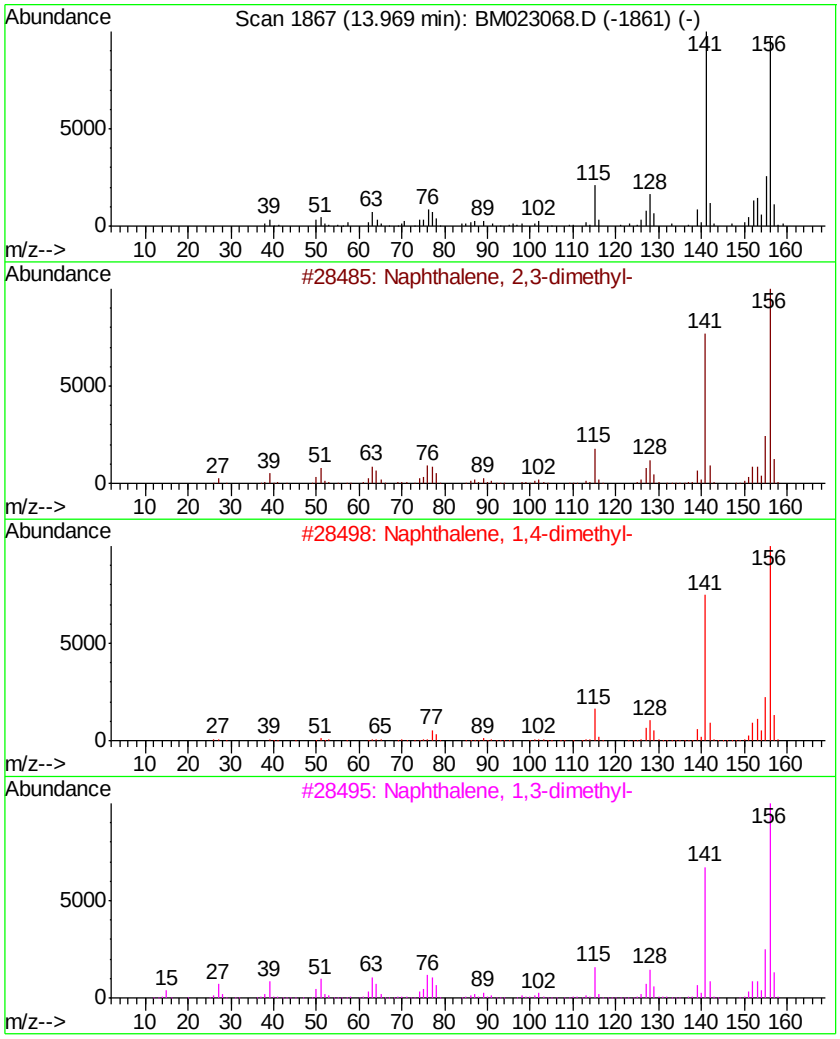
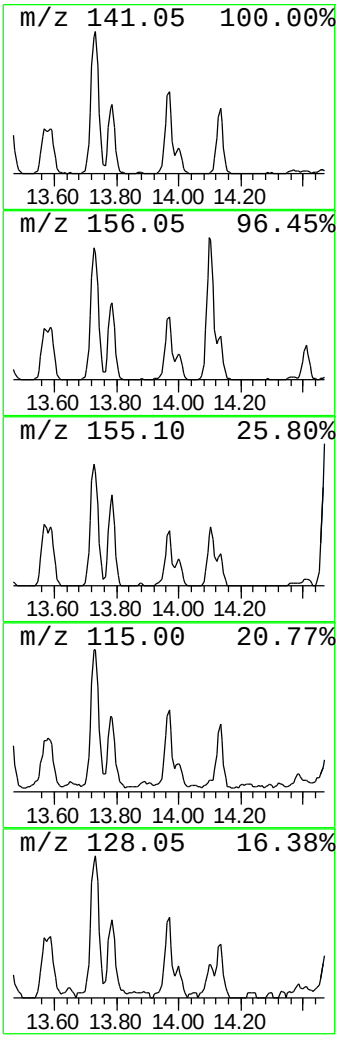
Peak Number 16 Naphthalene, 1,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.19 ng/ul	224581	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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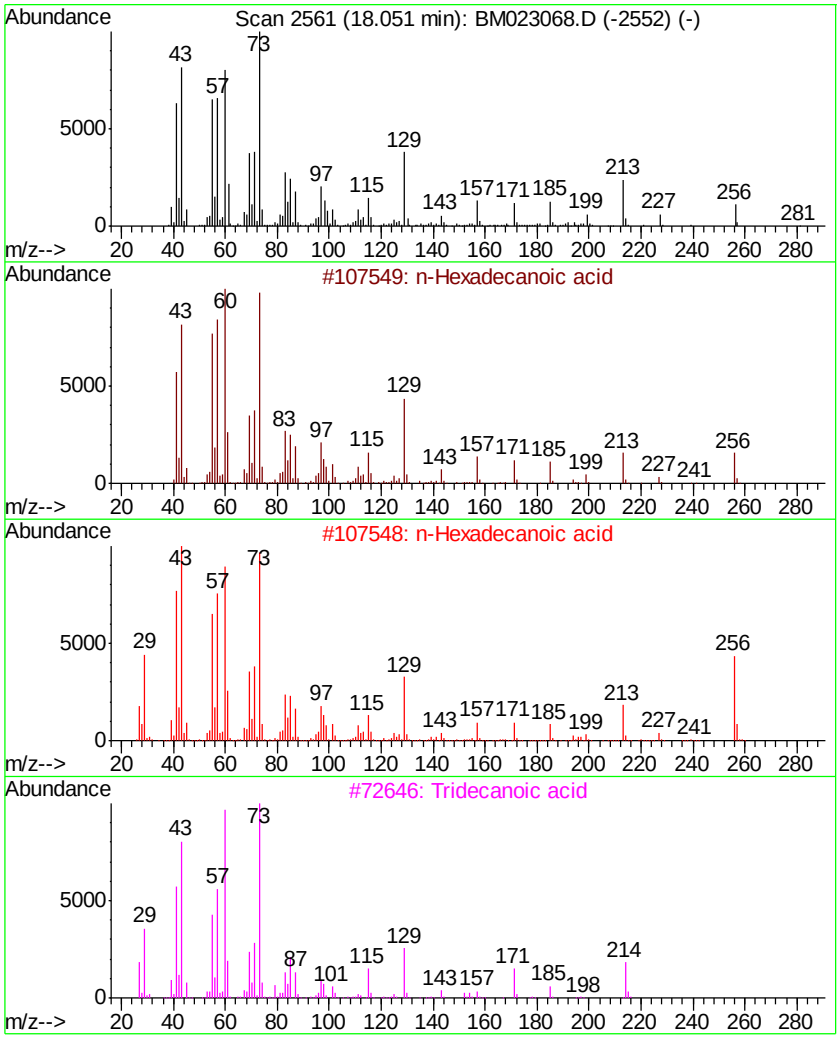
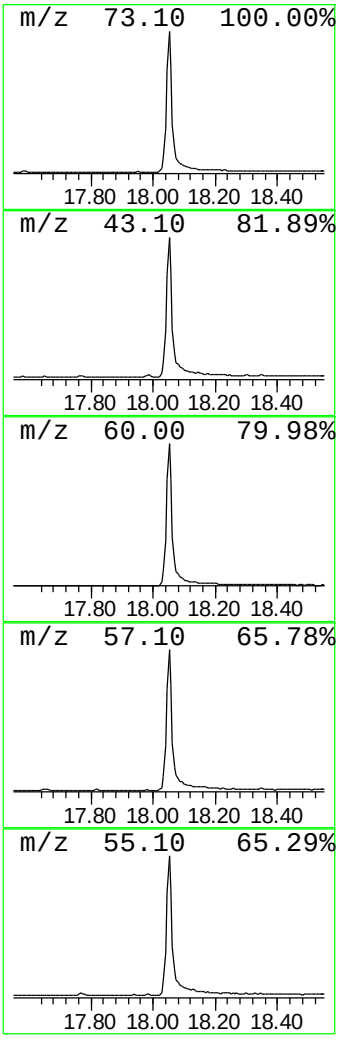
Peak Number 17 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	12.88 ng/ul	1398620	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023068.D
Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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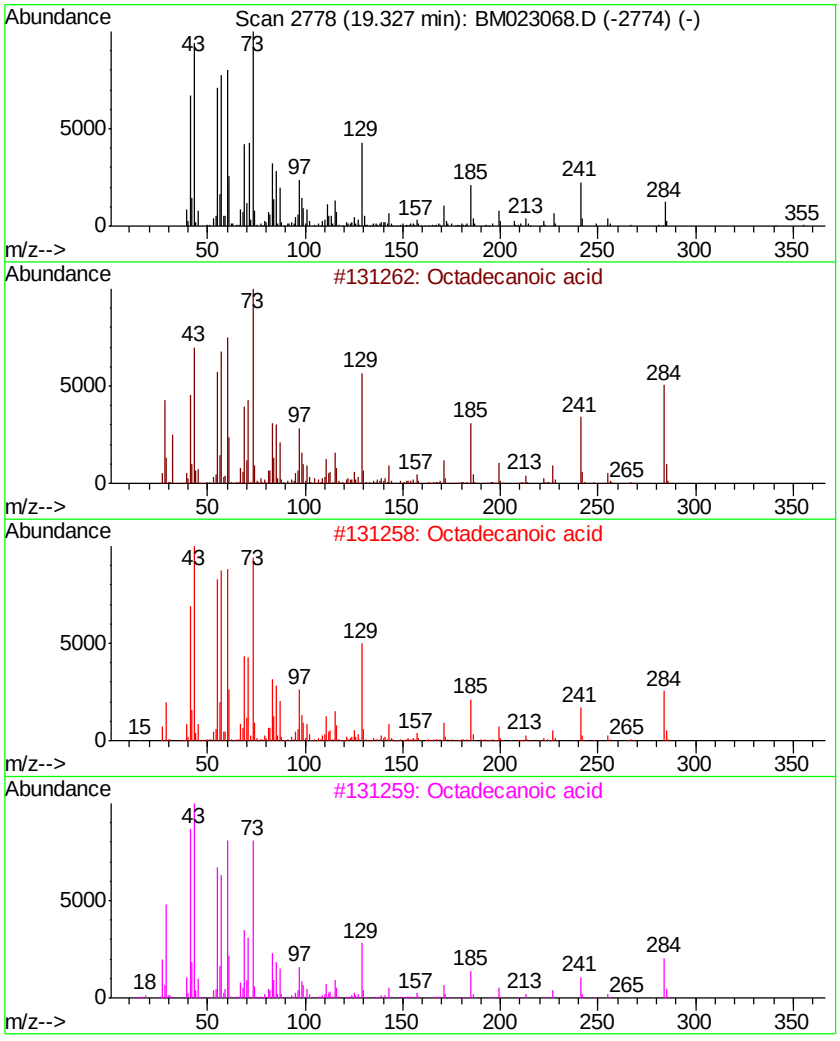
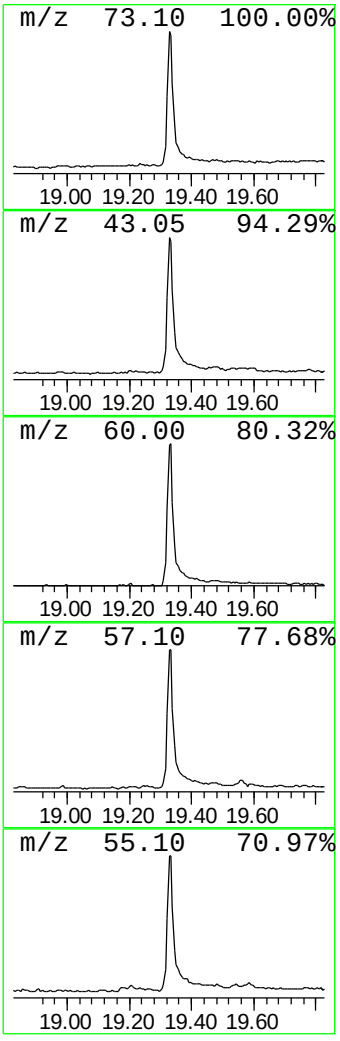
Peak Number 18 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	5.28 ng/ul	666319	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





Library Search Compound Report

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Data File : BM023068.D
Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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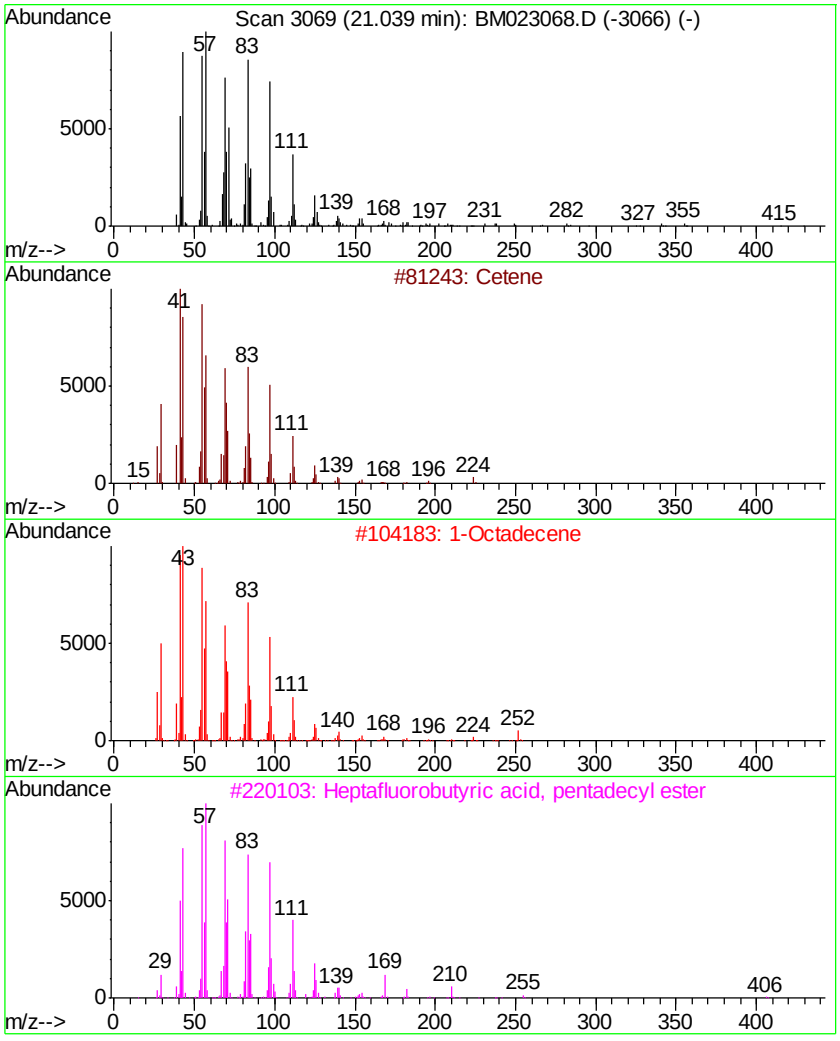
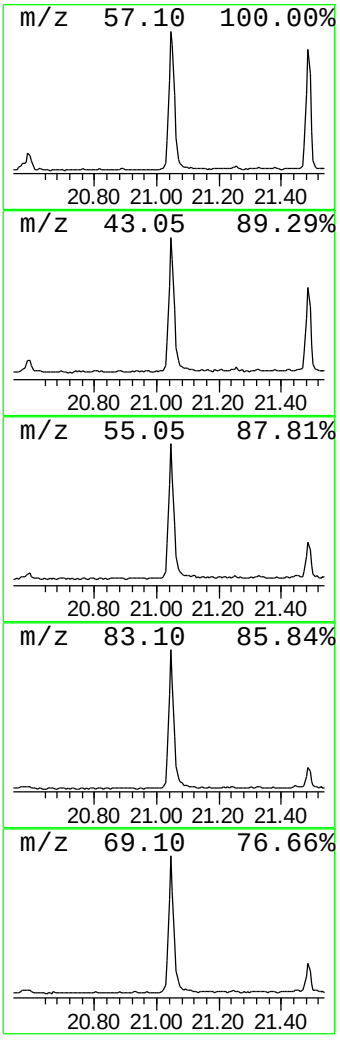
Peak Number 19 (DEL) Alkane: Cyclic21.04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	4.46 ng/ul	562891	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	96
2	1-Octadecene	252	C18H36	000112-88-9	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





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Data File : BM023068.D
Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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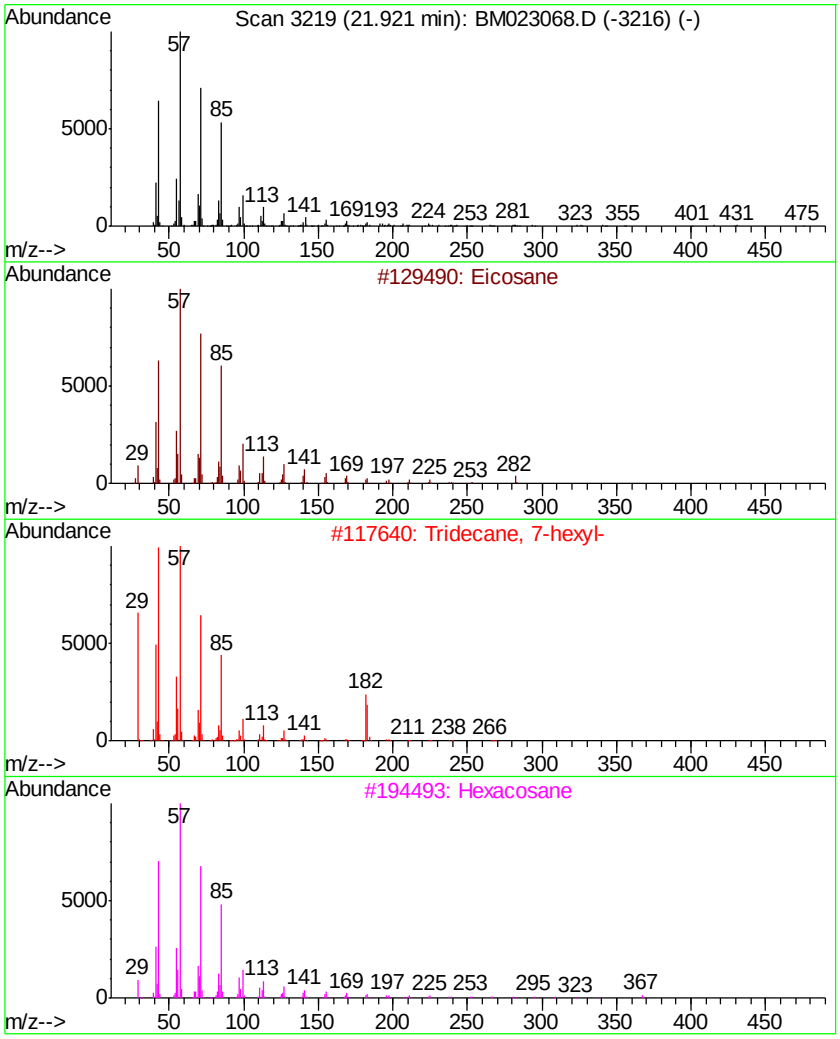
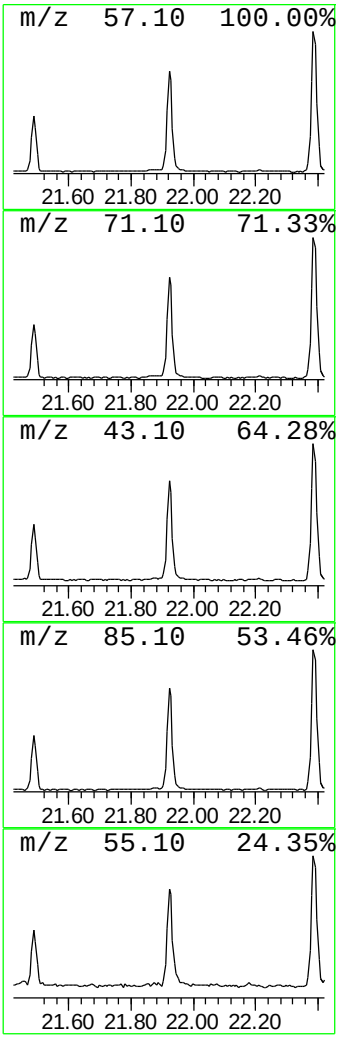
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	3.54 ng/ul	446534	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
3	Hexacosane	366	C26H54	000630-01-3	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

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Data File : BM023068.D
Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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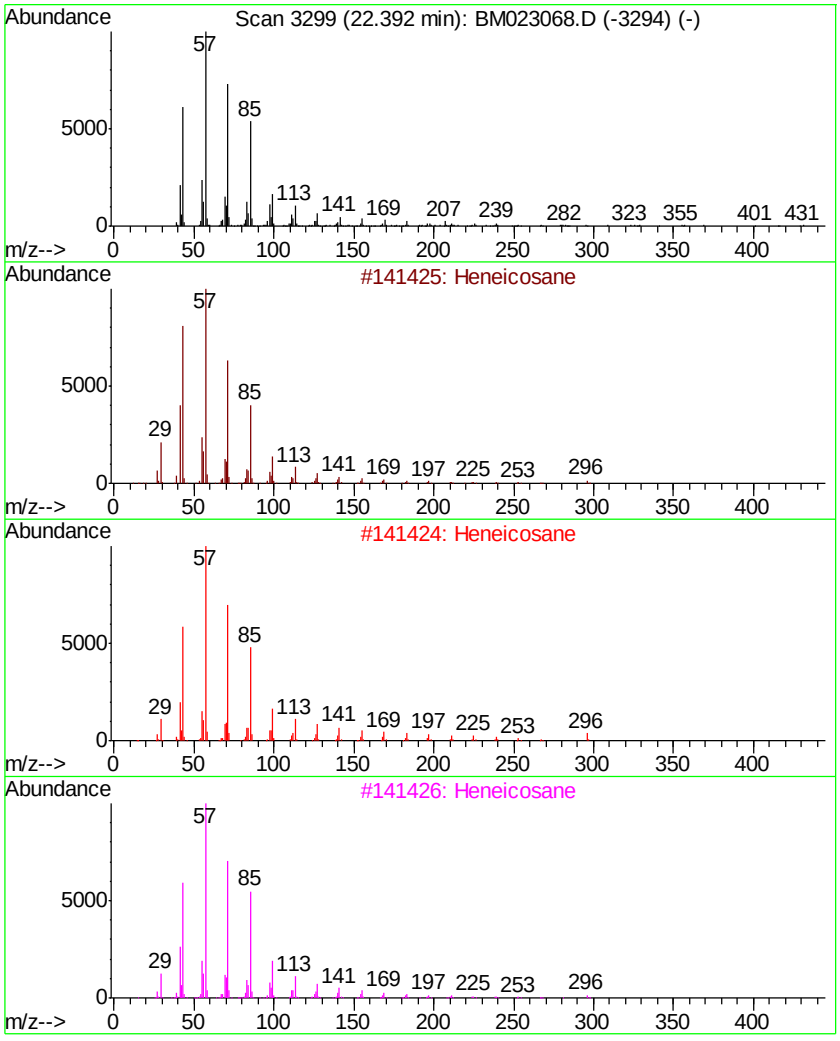
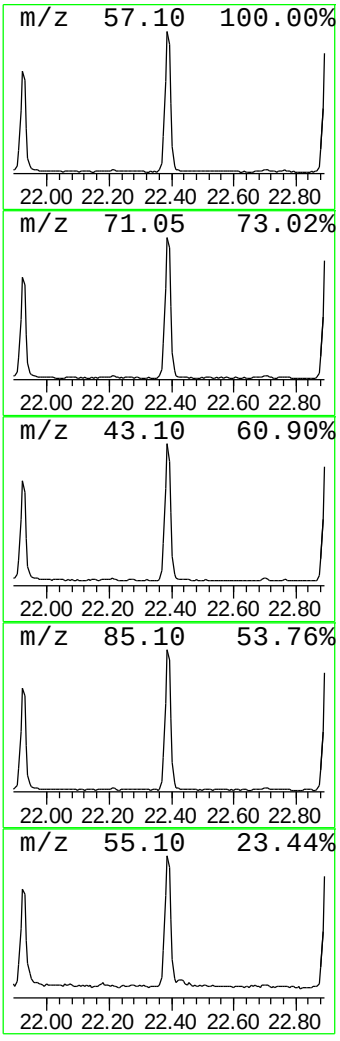
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	5.18 ng/ul	653064	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Heneicosane	296	C21H44	000629-94-7	97
4	Octadecane	254	C18H38	000593-45-3	96
5	Nonadecane	268	C19H40	000629-92-5	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023068.D
Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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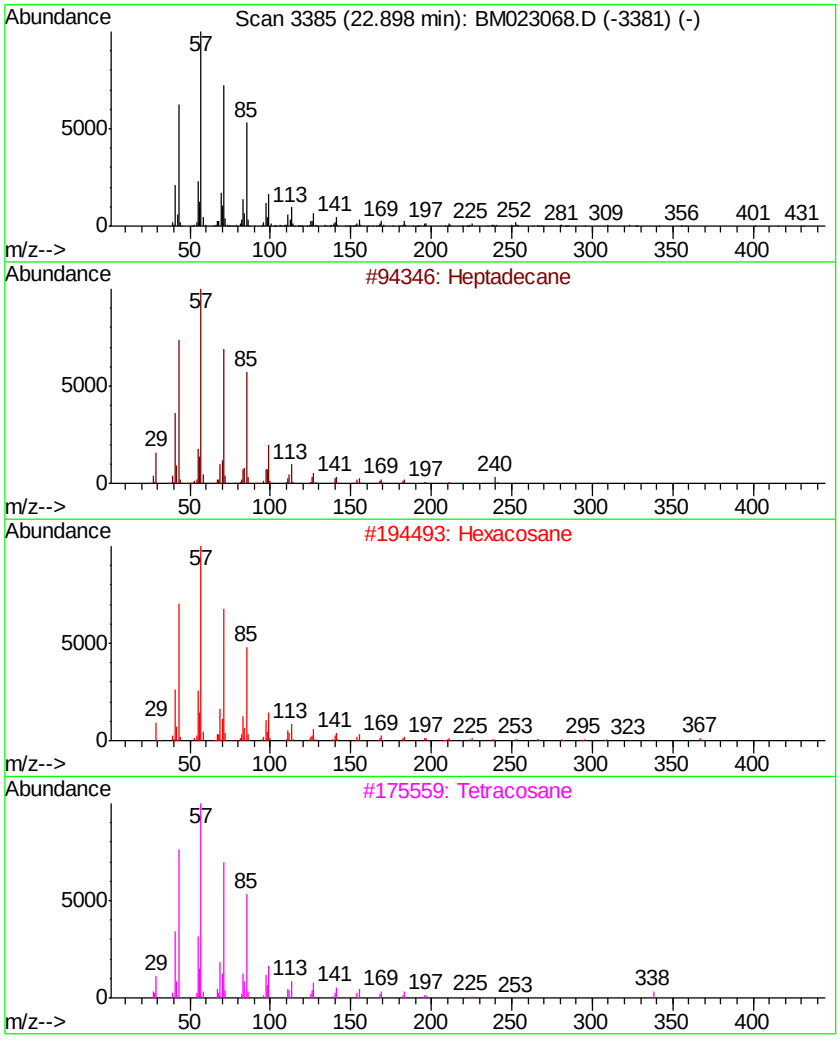
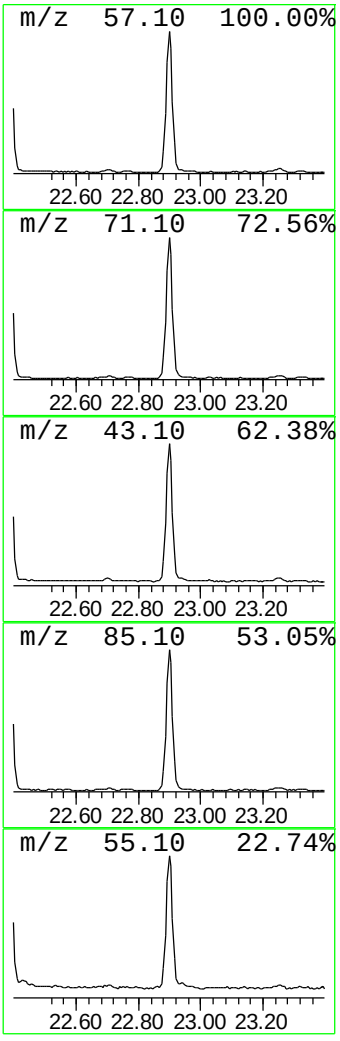
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	6.11 ng/ul	809511	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexacosane	366	C26H54	000630-01-3	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BM023068.D
Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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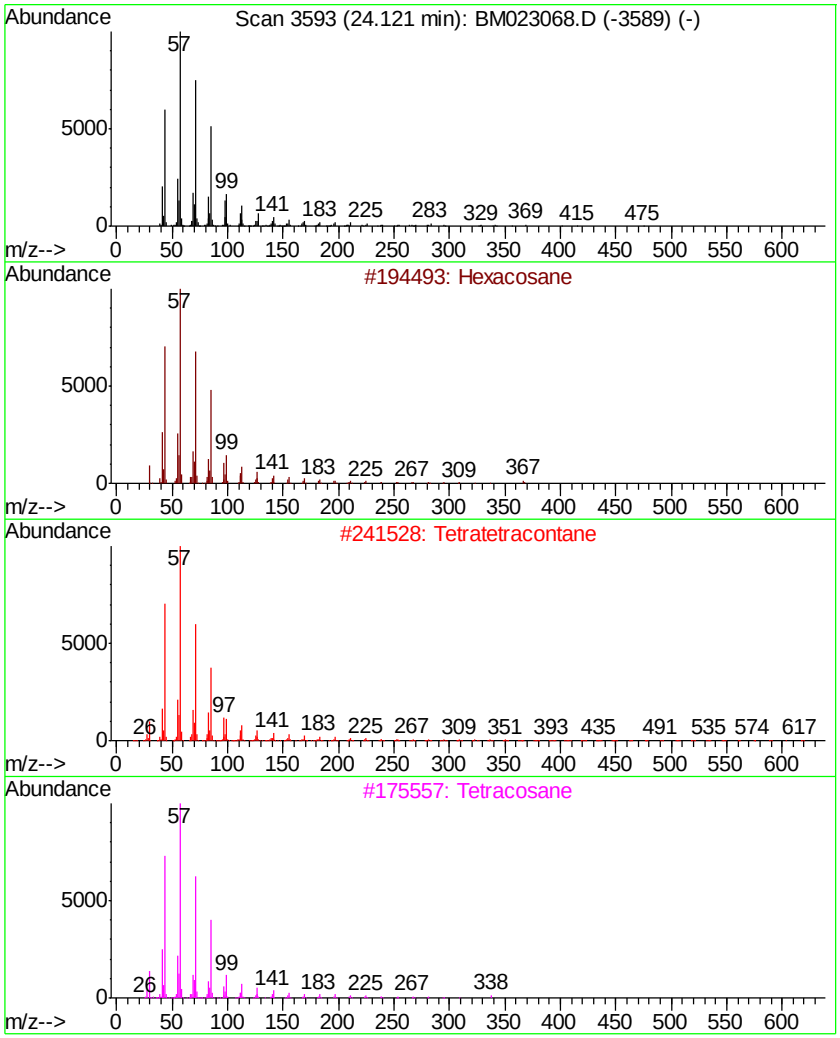
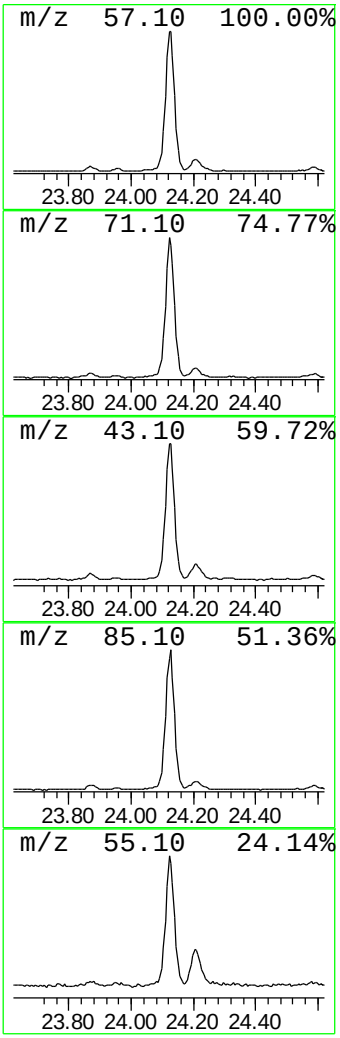
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	5.19 ng/ul	687379	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Tetratetracontane	619	C44H90	007098-22-8	94
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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Data File : BM023068.D
Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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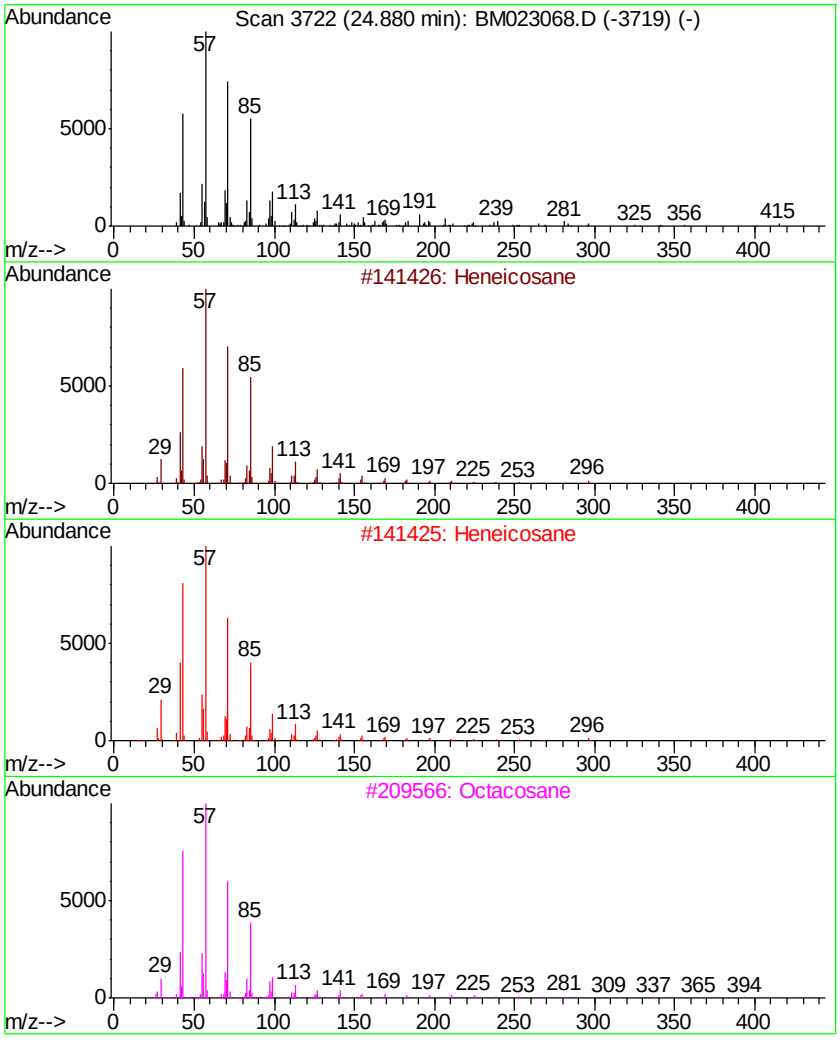
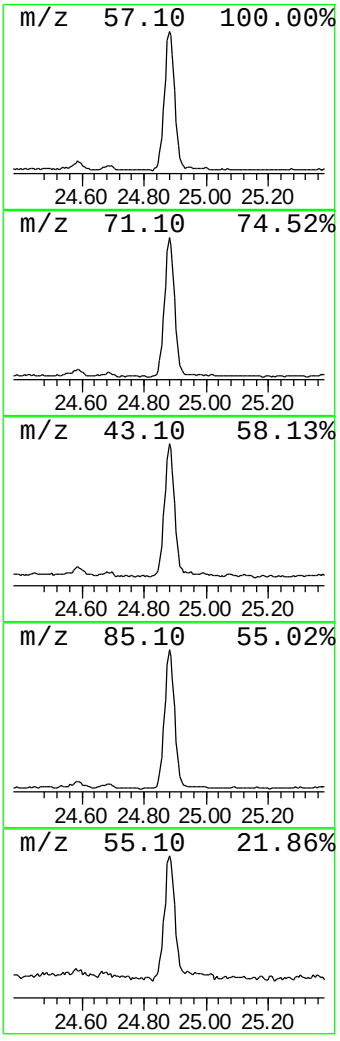
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.88	2.91 ng/ul	385330	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heneicosane	296	C21H44	000629-94-7	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100819\
Data File : BM023068.D
Acq On : 09 Oct 2019 05:23
Operator : JU
Sample : K5028-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 1...	3.71	3.5	ng/ul	181620	1	7.78	1049780	20.0
Propanoic acid, 2...	4.25	7.5	ng/ul	395759	1	7.78	1049780	20.0
Propanoic acid, p...	4.42	11.3	ng/ul	592804	1	7.78	1049780	20.0
Butanoic acid, 1-...	4.88	13.3	ng/ul	697913	1	7.78	1049780	20.0
p-Xylene	5.79	2.1	ng/ul	112199	1	7.78	1049780	20.0
Benzene, 1,2,3-tr...	7.42	2.7	ng/ul	143341	1	7.78	1049780	20.0
Benzene, 1,2,4-tr...	7.89	3.0	ng/ul	158209	1	7.78	1049780	20.0
Indane	8.15	4.3	ng/ul	223767	1	7.78	1049780	20.0
Benzene, 4-ethyl-...	8.88	2.7	ng/ul	139379	1	7.78	1049780	20.0
3-Phenylbut-1-ene	9.97	4.1	ng/ul	324860	2	10.56	1580130	20.0
2-Methylindene	10.06	2.3	ng/ul	182460	2	10.56	1580130	20.0
Naphthalene, 1-me...	12.45	21.7	ng/ul	1712580	2	10.56	1580130	20.0
Naphthalene, 2-et...	13.44	3.4	ng/ul	348678	3	14.41	2054530	20.0
Naphthalene, 2,6-...	13.59	3.7	ng/ul	379875	3	14.41	2054530	20.0
Naphthalene, 2,3-...	13.73	5.2	ng/ul	530553	3	14.41	2054530	20.0
Naphthalene, 1,4-...	13.97	2.2	ng/ul	224581	3	14.41	2054530	20.0
n-Hexadecanoic acid	18.05	12.9	ng/ul	1398620	4	17.15	2172280	20.0
Octadecanoic acid	19.33	5.3	ng/ul	666319	5	21.33	2522930	20.0
(DEL) Alkane: Cyc...	21.04	4.5	ng/ul	562891	5	21.33	2522930	20.0
(DEL) Alkane: Str...	21.92	3.5	ng/ul	446534	5	21.33	2522930	20.0
(DEL) Alkane: Str...	22.39	5.2	ng/ul	653064	5	21.33	2522930	20.0
(DEL) Alkane: Str...	22.90	6.1	ng/ul	809511	6	23.58	2647790	20.0
(DEL) Alkane: Str...	24.12	5.2	ng/ul	687379	6	23.58	2647790	20.0
(DEL) Alkane: Str...	24.88	2.9	ng/ul	385330	6	23.58	2647790	20.0